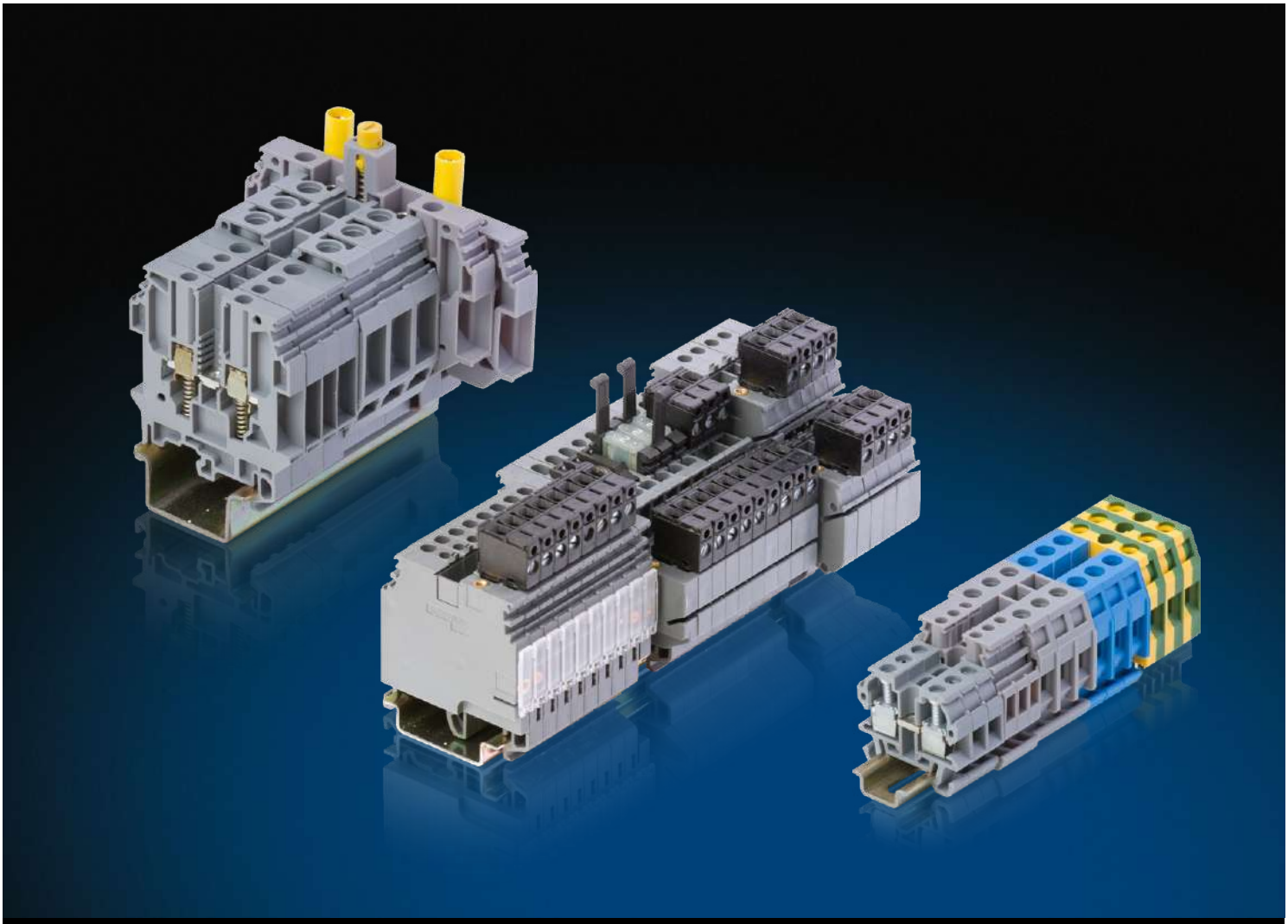
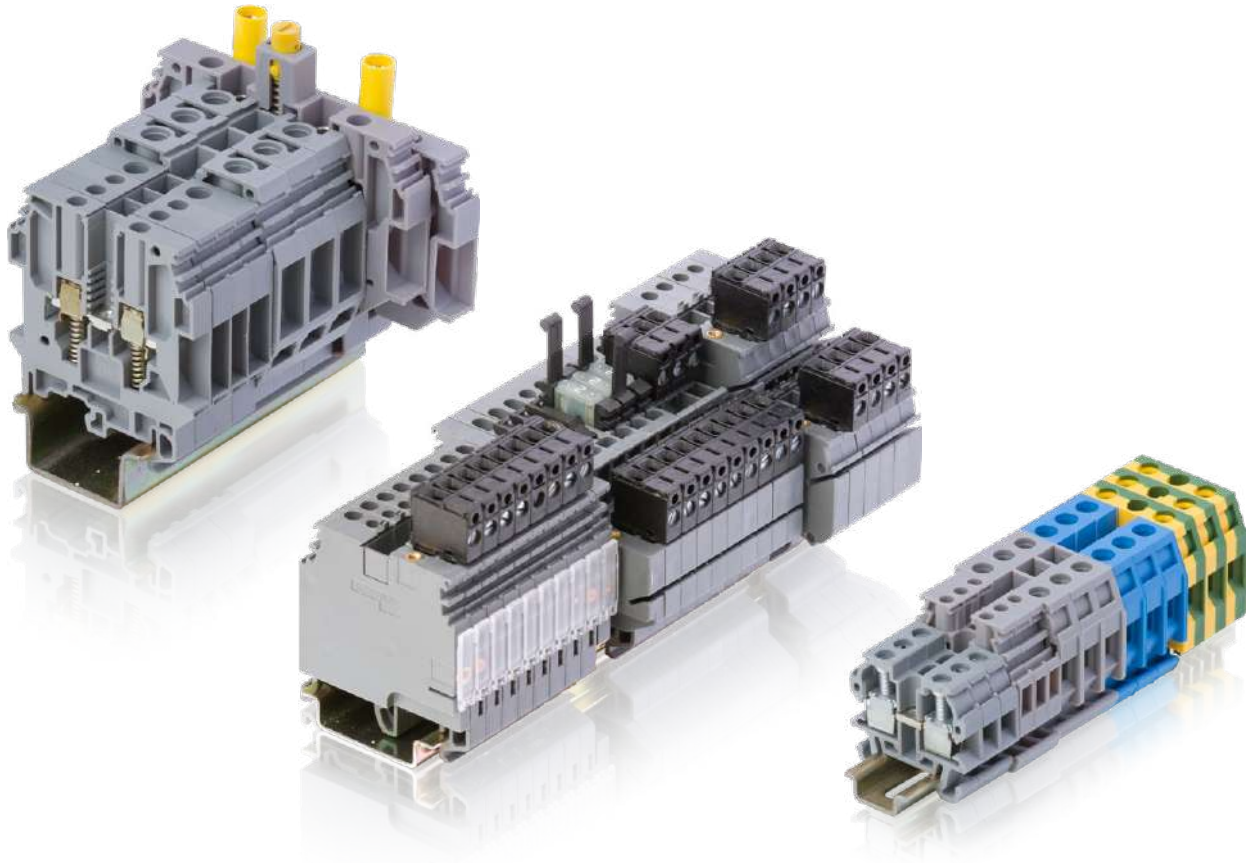


Main catalog

Solution series
Terminal blocks

Power and productivity
for a better world™



Solution series
Terminal blocks

Connection devices offering 2

ADO System® IDC terminal blocks 11

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Stud terminal blocks 73

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Miniblocks 103

Test & measurement terminal blocks 147

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Installation terminal blocks 197

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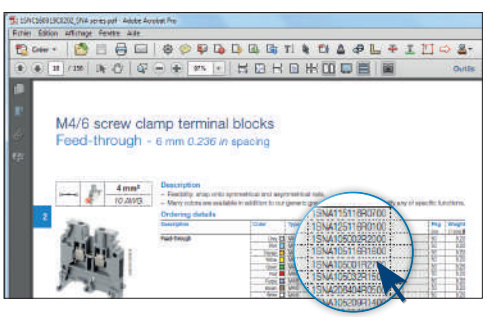
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You can access to more product details, click on the order code



Connect to



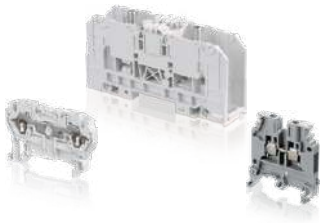
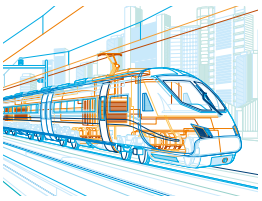
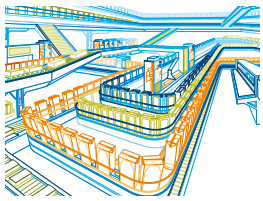
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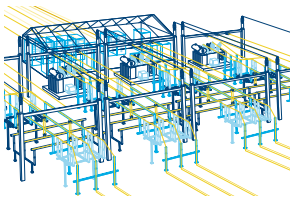
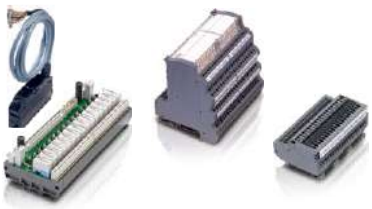
Connection devices offering

1

ABB proposes one of the largest connection offering on the market with various technologies: screw, spring, IDC, pluggable, stud… technologies found in over 6000 products & solutions.

IN THIS CATALOG

	SNA series		SNK series		Terminal blocks	
Purpose	**Standard industrial applications**		**Prefered terminal blocks for:** **High standard industries** **Building industry** **Channel partners**		**Market segments**	**Applications/functions**
Product families & functions	**Screw**	Feed-through Multi-deck Ground Disconnect For fuses	**Screw**	Feed-through Multi-deck Ground Disconnect For fuses	**Energy** **Railway** **Process automation** **Petro-chemical** Instrumentation Hazardous locations HVAC & Compressor Wind Pump & Water Machinery & Safety Critical power Solar	Protection: PEN, neutral switch Disconnect: multilevel, plugs... For fuse protection Test & Measurement Sensor actuator For distribution boxes Space saving: miniblocks Power distribution Component holders
	Spring	Feed-through Double deck Ground Disconnect For fuses	**PI-Spring**	Feed-through Double deck Ground Disconnect		
	Stud	Feed-through	**Pluggable PI-Spring**	Feed-through 1 or 2 circuits		
						
Main catalog	SNA series - Terminal blocks 		SNK series - Terminal blocks 		Solution series - Terminal blocks 	
Web	www.abb.com/lowvoltage catalog pages, certificates, approvals http://abb-control-products.partcommunity.com 3D & 2D drawings download		www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals www.web-emedia.com catalog pages, videos, presentations, drawings, tools http://abb-control-products.partcommunity.com 3D & 2D drawings download		www.abb.com/lowvoltage catalog pages http://abb-control-products.partcommunity.com 3D & 2D drawings download	

Solution series				
		ESSAILEC®	Interfast	Marking
	Technologies	Test blocks	Pre-wiring for PLC	Markers & marking systems
	Screw clamp **Spring clamp** **ADO System®** **Pluggable** **Safety (spring loaded)** Stud	Current & voltage sockets Current & voltage plugs	Interfast PCB Interfast MS Cables	Marking systems Markers for terminal blocks: – Pre-marked – Blanks Markers for wires & cables Adhesive labels
				
		ESSAILEC® test blocks 	Interface modules & selection guides 	Marking solutions 
		www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals	www.abb.com/lowvoltage catalog pages, selection guides (ABB, Siemens, Schneider, Rockwell...), brochures, technical datasheets, certificates, approvals www.web-emedia.com/interfast eSelection guide, catalog pages, videos, presentations, drawings	www.abb.com/lowvoltage catalog pages, user guide, softwares

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ABB screw clamp technology
The heavy duty connection

1

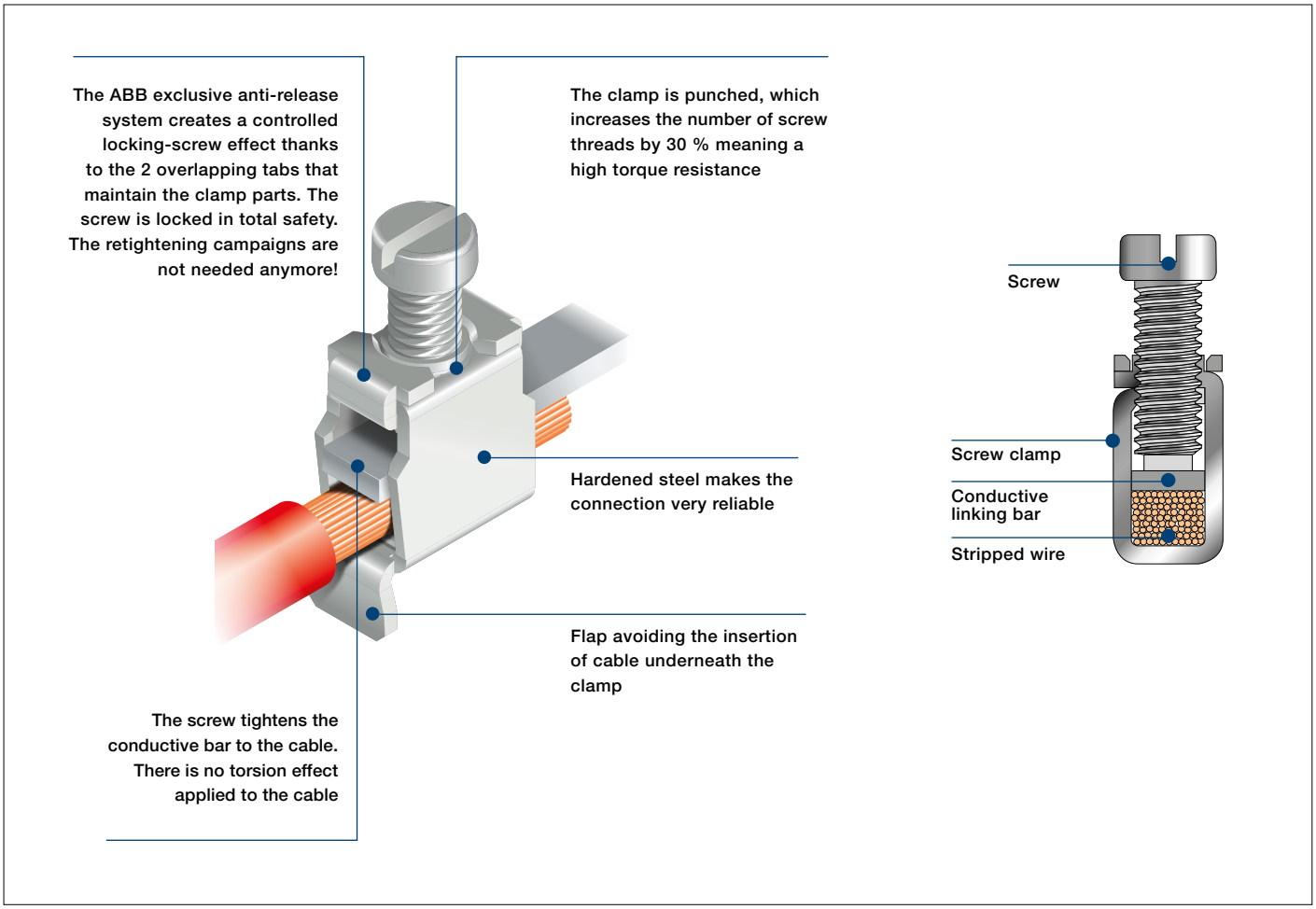
Unique design, flies over time thanks to its reliability and safety

The ABB screw clamp technology is designed to avoid accidental releases due to vibrations, shocks or even abusive cable draw. Our exclusive design minimizes the needs of retightening campaigns.

High density capacity

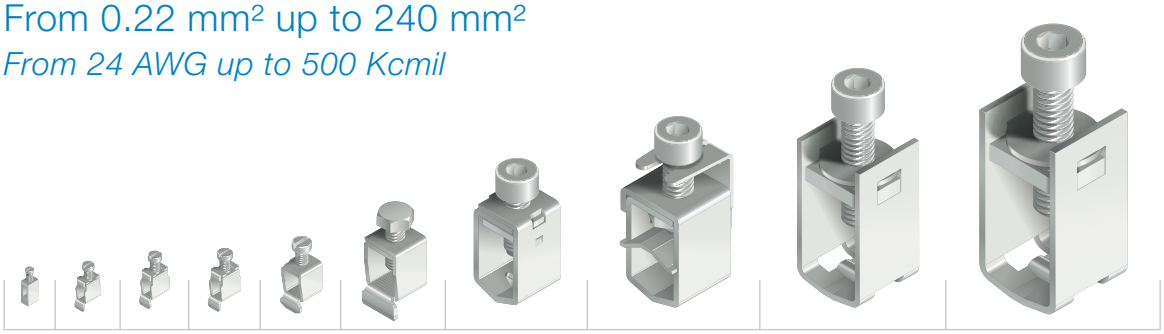
The screw clamp technology can fit up to two conductors per clamp which offers extended possibilities in electrical cabinets.

Features



From 0.22 mm² up to 240 mm²

From 24 AWG up to 500 Kcmil



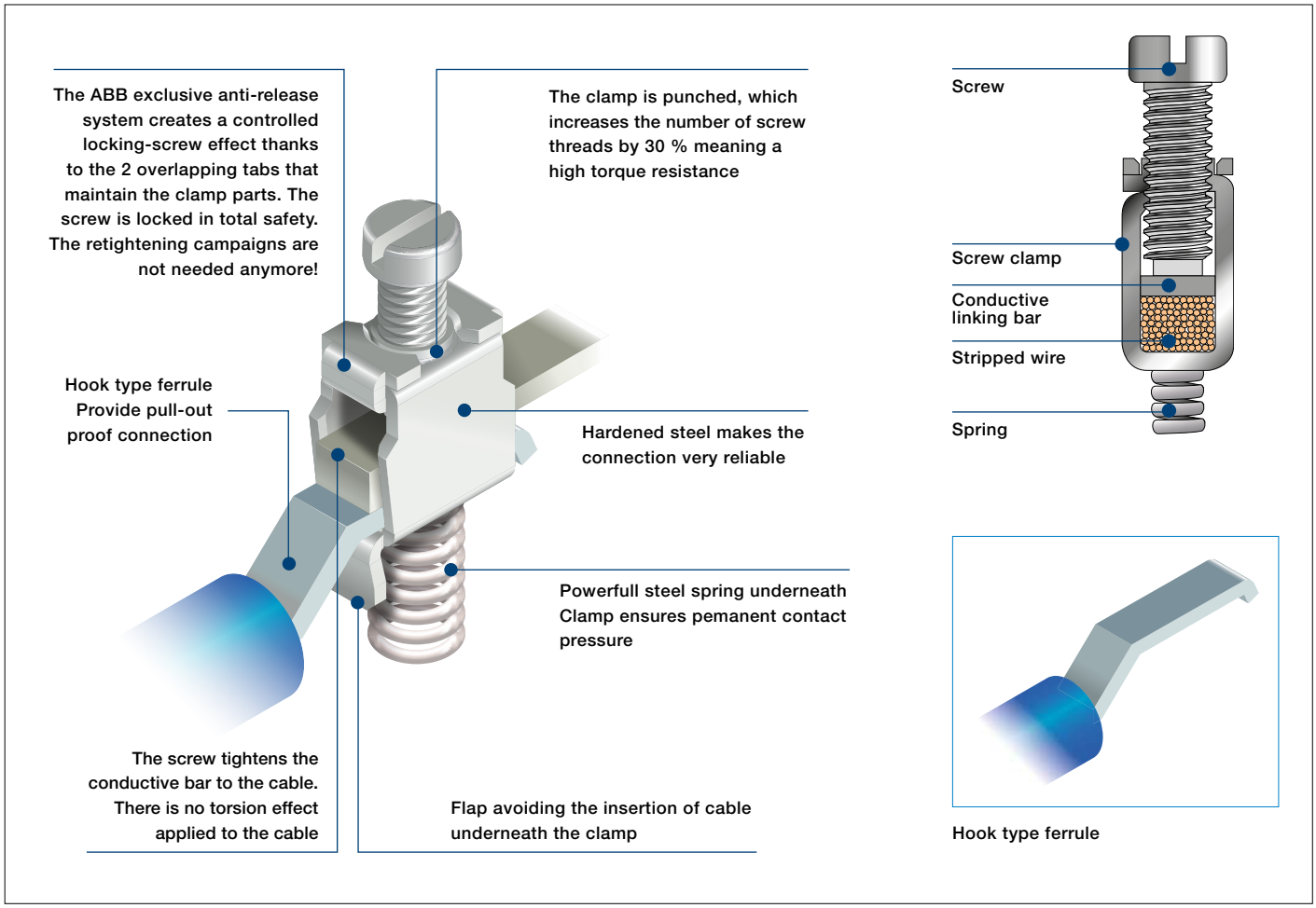
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ABB spring loaded screw clamp technology
The safety connection for demanding working conditions

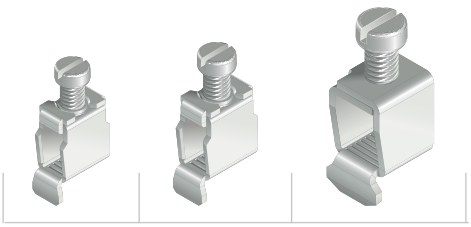
Exclusive design provide robustness and connection safety
The ABB screw clamp spring loaded terminal is designed to guarranty electrical continuity even when screw are loosened unintentionally.
It features all the benefits of our screw clamp with additional vibration,shock resistant and maintenance free performances.

High density wiring
The screw clamp spring loaded terminal can fit up to two conductors equipped with bent ferrules per clamp.

Features



From 0.22 mm² up to 10 mm²
From 24 AWG up to 6 AWG



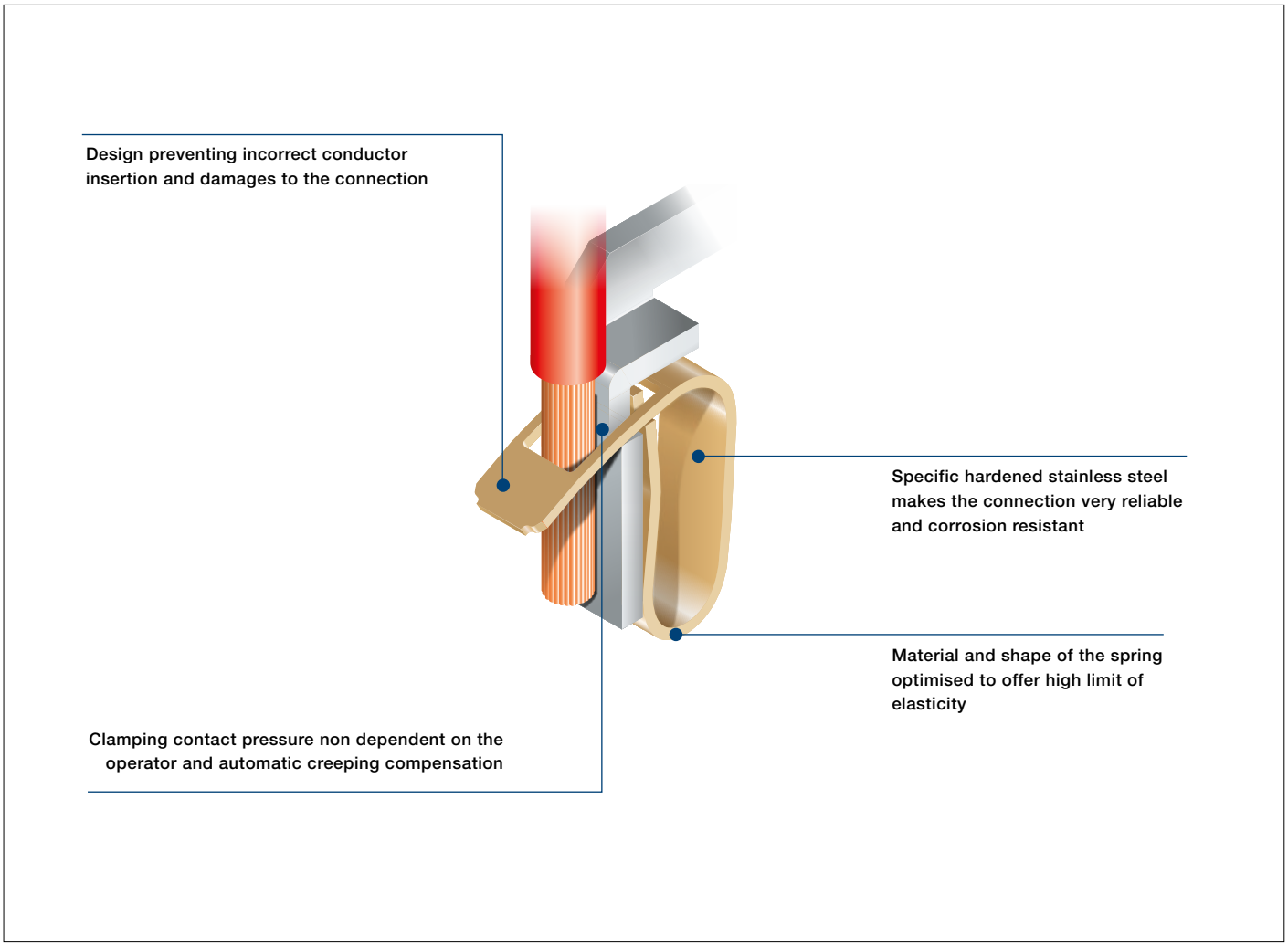
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ABB spring clamp technology

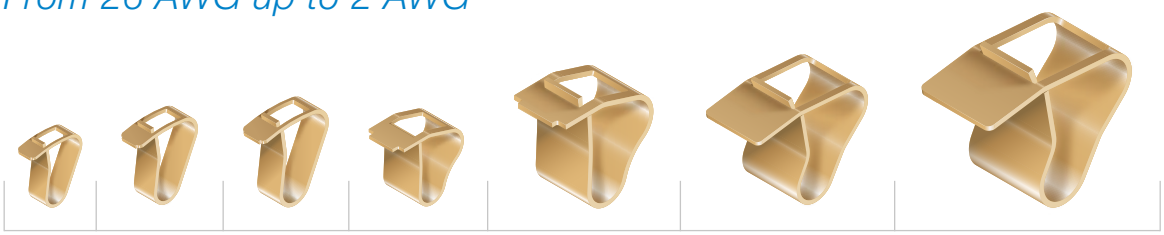
1

Experience the flexible connection
The ABB spring clamp technology combines all the features appreciated from electrical users by combining flexibility of use with front entry, a good vibration withstand, clamping pressure non dependent on the operator and automatic creeping compensation suppressing the needs of retightening campaigns.

Features



From 0.12 mm² up to 35 mm²
From 26 AWG up to 2 AWG



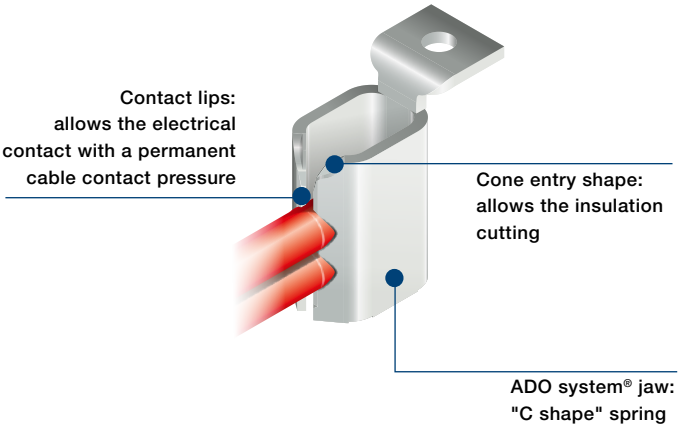
1SNC162112S0201

ADO System® IDC technology
The fastest and most reliable connection technology

ADO system® is based on Insulation Displacement Connection (IDC) technology. IDC technology can be found in various applications outside the electrical word. (RJ45 connectors used in Telecom for instance).

Our ADO system® features one single piece which (when associated with its dedicated tool) combines the wire preparation and the wire connection. Its design is made to connect up to two conductors (standard wires as well as special wires) in the same jaw.

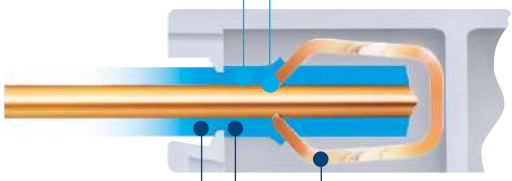
Features



Corrosion proof

Gas-tight connection
Contact points are
wrapped by
the insulation.

Low galvanic couple of
copper alloy jaw pinching
the wire at two points.



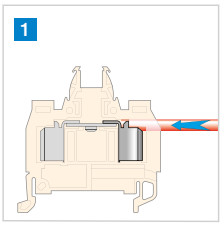
Vibration proof

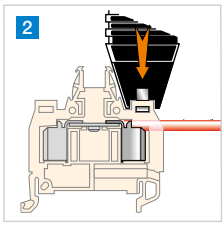
Wire insulation is
pinched by the
insulating body.

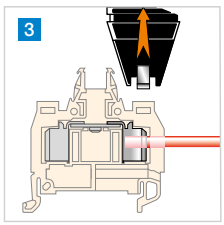
Unstripping insulator
absorbs vibrations.

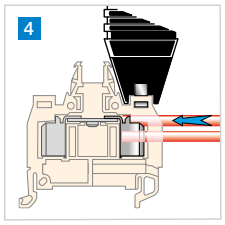
Contact forces are
permanently balanced.

Instructions:









Two conductors

1 Insert the wire (not stripped) in the ADO System® jaw until it butts.
2 Position the tool in the recess and pull the trigger fully and release it.
3 Remove the trigger. (the tool will not be released if the connection is not completed).

4 Follow the same process if a second wire has to be connected (same size and same nature).
The first wire preliminary installed, will remain perfectly and safely maintained in the clamp during the second wire cabling process.

From 0.22 mm² up to 4 mm²
From 24 AWG up to 12 AWG

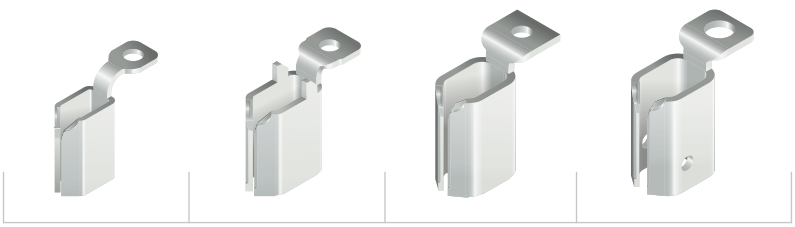


ABB Stud technology
The connection for power and energy circuits

1

Reliability first

Stud technology is designed to ensure a reliable connection thanks to the combination of:

– Vibration resistant equipements (nuts, washers),
– Lugs crimped on the cable provide pull-out proof termination.

This technology is very popular on the American market and particularely in the energy applications.

Available configurations



One stud



Two studs



One wire clamp / one stud

Connection technics







Up to 300 mm² / *1 000 Kcmil*



M4-M5
6 mm²
8 AWG



M6
35 mm²
1 AWG



M8
70 mm²
000 AWG



M10
120 mm²
300 Kcmil

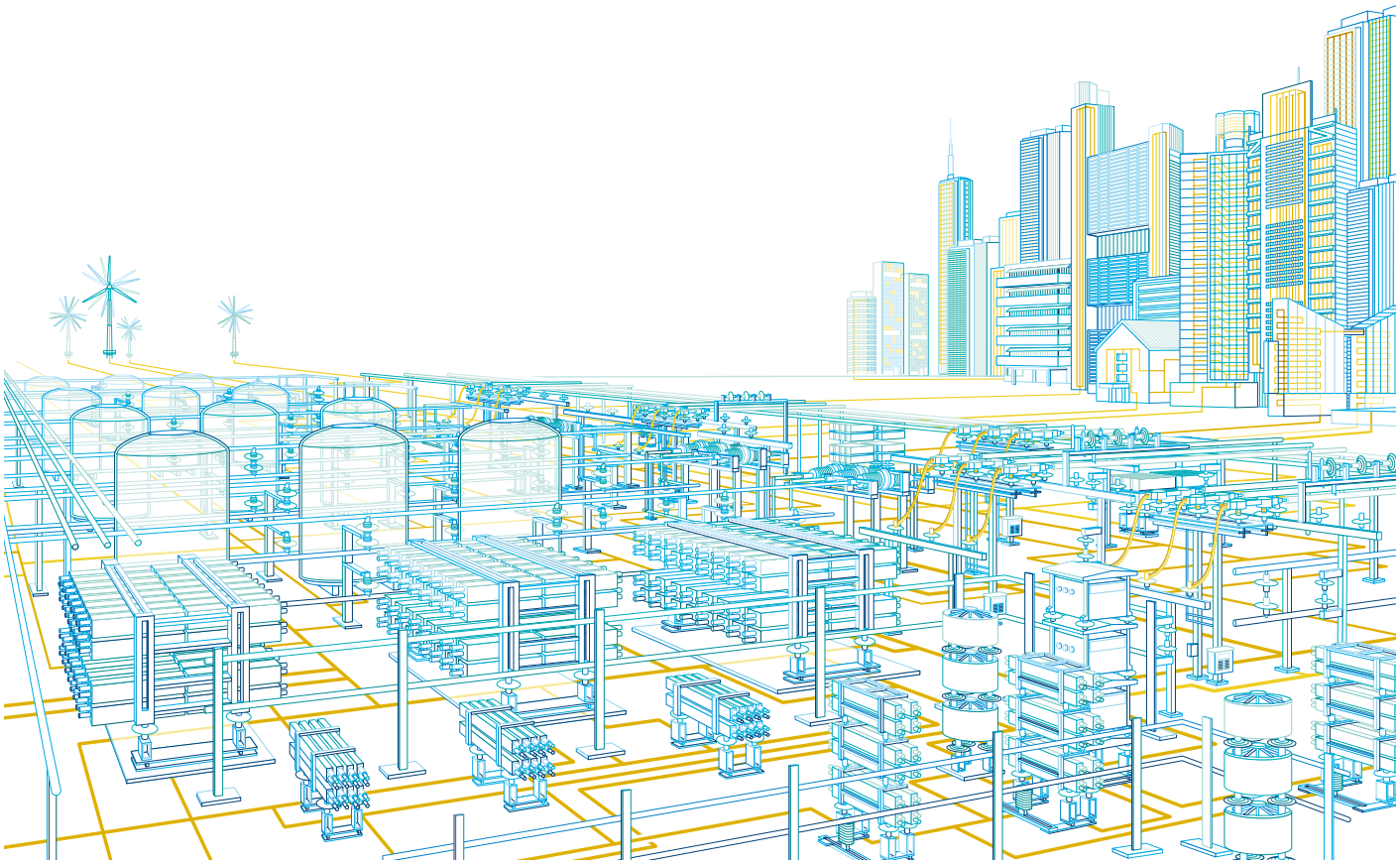


M12
185 mm²
500 Kcmil



M16
300 mm²
1 000 Kcmil

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1SNC163102S0201

Solution series, terminal blocks
ADO System® IDC technology



Technologies presentation 12
Overview 14

ADO / screw clamp

Feed-through

1 mm² / *18 AWG* **D2.5/5.ADO** 17
1.5 mm² / *16 AWG* **D4/6.ADO** 18
2.5 mm² / *14 AWG* **D6/8.ADO** 20
4 mm² / *12 AWG* **D6/8.ADO3** 22

Ground

1 mm² / *18 AWG* **D2.5/5.P.ADO** 23
1.5 mm² / *16 AWG* **D4/6.P.ADO** 24
2.5 mm² / *14 AWG* **D6/8.P.ADO** 25
4 mm² / *12 AWG* **D6/8.P.ADO3** 26

Double deck

1.5 mm² / *16 AWG* **D4/6.D2.ADO** 27
2.5 mm² / *14 AWG* **D6/8.D2.ADO** 28

Disconnect with blade

1 mm² / *18 AWG* **D2.5/5.SN.ADO** 29
1.5 mm² / *16 AWG* **D4/6.SN.ADO** 31
2.5 mm² / *14 AWG* **D4/8.SN.ADO** 33

For 5 x 20 and 5 x 25 mm fuse *(0.197 x 0.787 in and 0.197 x 0.984 in)*

1.5 mm² / *16 AWG* **D4/8.SF...I.ADO** 34 to 36
2.5 mm² / *14 AWG* **D4/8.SF...I.ADO2** 37 to 38

Disconnect with lever

1.5 mm² / *16 AWG* **D4/8.SN...I.ADO** 39
2.5 mm² / *14 AWG* **D4/8.SN...I.ADO2** 40

ADO / ADO

Feed-through

1 mm² / *18 AWG* **D1/5.ADO** 41
1.5 mm² / *16 AWG* **D1.5/6.ADO** 42
2.5 mm² / *14 AWG* **D2.5/8.ADO** 43
4 mm² / *12 AWG* **D4/8.ADO** 44

Ground

1 mm² / *18 AWG* **D1/5.P.ADO** 45
1.5 mm² / *16 AWG* **D1.5/6.P.ADO** 46
2.5 mm² / *14 AWG* **D2.5/8.P.ADO** 47
4 mm² / *12 AWG* **D4/8.P.ADO** 48

Double deck

1.5 mm² / *16 AWG* **D1.5/6.D2.ADO** 49

Disconnect with blade

1 mm² / *18 AWG* **D1/5.SNT2.ADO** 50
1.5 mm² / *16 AWG* **D1.5/6.SNT2.ADO** 51
2.5 mm² / *14 AWG* **D2.5/8.SNT2.ADO** 52

For 5 x 20 and 5 x 25 mm fuse *(0.197 x 0.787 in and 0.197 x 0.984 in)*

1.5 mm² / *16 AWG* **D1.5/8.SF.ADO** 53 to 54
2.5 mm² / *14 AWG* **D2.5/8.SF.ADO2** 55 to 56

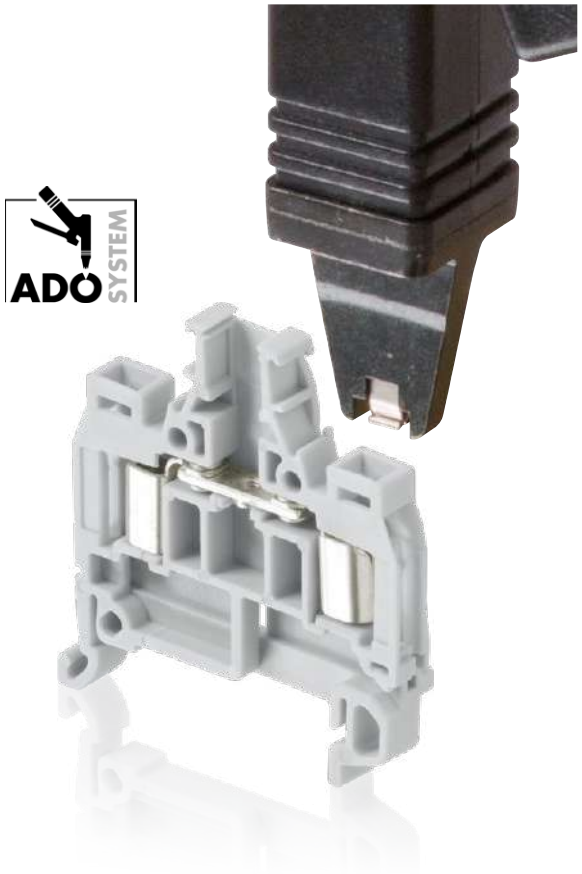
Disconnect with lever

1.5 mm² / *16 AWG* **D1.5/8.SNN.ADO** 57
2.5 mm² / *14 AWG* **D4/8.SNNT.ADO2** 58

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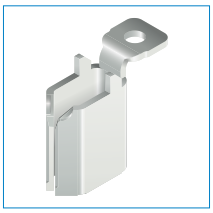
Solution series, terminal blocks
ADO System® IDC technology





Rely on our expertise

With ADO System®, ABB is the leader in IDC technology since 25 years. More than 4000 customers worldwide are using this technology with sucess in the most severe environments.



Qualified for worldwide markets and applications
Eco-designed according to international environmental standards in sustainable development.

CE RoHS cULus ISO 9001 ISO 14001

Experience the fastest and the most reliable connection on the market

Secure your connection process

Tool is **locked** on terminal block **during all connection process.** The conductor requires **no preparation** (no stripping, no ferrule). **Maintenance free** (screwless connection).
No fatigue thanks to the use of automatic tool.
Well adapted to special cables.

Speed up your wiring process and reduce time to market!

Reduce wiring time up to 80 % compare to a screw connection with ferrules.
High speed Connection process: **less than 3 seconds!**
No preparation of cable, no tightening, no use of ferrules.
Pneumatic tool available for even faster process.

Trust ADO System® reliability in any environments

ADO System® technology provides **superior performances** and is the best solution for installations with **severe** constraints (continuity of service, clearance for work) as well as strong environmental requirements (**vibrations,corrosion**)
This is the reason why today ADO System® is successfully used in **chemical/petrochemical, traction, waste water treatment** environments.



Connection process secured:
Tool locked on terminal blocks, high speed connection

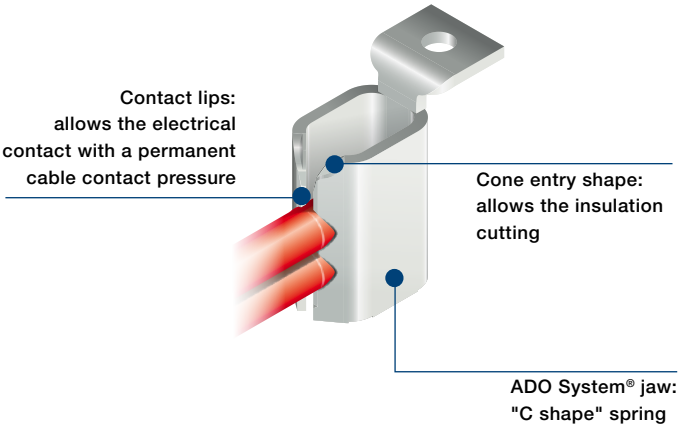
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ADO System® IDC technology
The fastest and most reliable connection technology

ADO System® is based on Insulation Displacement Connection (IDC) technology. IDC technology can be found in various applications outside the electrical word. (RJ45 connectors used in Telecom for instance).

Our ADO System® features one single piece which (when associated with its dedicated tool) combines the wire preparation and the wire connection. Its design is made to connect up to two conductors (standard wires as well as special wires) in the same jaw.

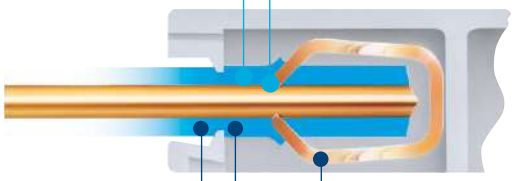
Features



Corrosion proof

Gas-tight connection
Contact points are
wrapped by
the insulation.

Low galvanic couple of
copper alloy jaw pinching
the wire at two points.



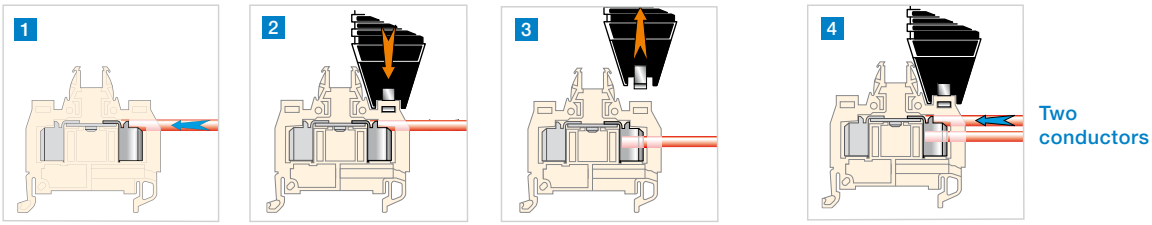
Vibration proof

Wire insulation is
pinched by the
insulating body.

Unstripping insulator
absorbs vibrations.

Contact forces are
permanently balanced.

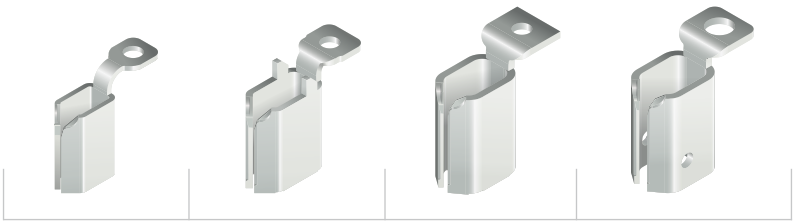
Instructions:



1 Insert the wire (not stripped) in the ADO System® jaw until it butts.
2 Position the tool in the recess and pull the trigger fully and release it.
3 Remove the trigger. (the tool will not be released if the connection is not completed).

4 Follow the same process if a second wire has to be connected (same size and same nature).
The first wire preliminary installed, will remain perfectly and safely maintained in the clamp during the second wire cabling process.

From 0.22 mm² up to 4 mm²
From 24 AWG up to 12 AWG



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Solution series, terminal blocks
ADO System® IDC technology

ADO / screw clamp



Feed-through



Ground



Double deck

Section							
IEC	*UL/CSA*						
1 mm²	*18 AWG*	D2.5/5.ADO	5 mm *0.197 in*	D2.5/5.P.ADO	5 mm *0.197 in*		
1.5 mm²	*16 AWG*	D4/6.ADO	6 mm *0.236 in*	D4/6.P.ADO	6 mm *0.236 in*	D4/6.D2.ADO	6 mm *0.236 in*
2.5 mm²	*14 AWG*	D6/8.ADO	8 mm *0.315 in*	D6/8.P.ADO	8 mm *0.315 in*	D6/8.D2.ADO	8 mm *0.315 in*
4 mm²	*12 AWG*	D6/8.ADO3	8 mm *0.315 in*	D6/8.P.ADO3	8 mm *0.315 in*		

ADO / ADO



Feed-through



Ground



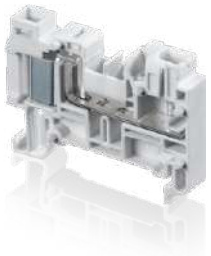
Double deck

Section							
IEC	*UL/CSA*						
1 mm²	*18 AWG*	D1/5.ADO	5 mm *0.197 in*	D1/5.P.ADO	5 mm *0.197 in*		
1.5 mm²	*16 AWG*	D1.5/6.ADO	6 mm *0.236 in*	D1.5/6.P.ADO	6 mm *0.236 in*	D1.5/6.D2.ADO	6 mm *0.236 in*
2.5 mm²	*14 AWG*	D2.5/8.ADO	8 mm *0.315 in*	D2.5/8.P.ADO	8 mm *0.315 in*		
4 mm²	*12 AWG*	D4/8.ADO	8 mm *0.315 in*	D4/8.P.ADO	8 mm *0.315 in*		

Complementary functions: see related chapters in this catalog



Miniblocks



Pluggable

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNC163081S0201



Disconnect with blade

D2.5/5.SN.ADO	5 mm *0.197 in*
D4/6.SN.ADO	6 mm *0.236 in*
D4/8.SN.ADO	8 mm *0.315 in*



Fuse

D4/8.SF..I.ADO	8 mm *0.315 in*
D4/8.SF..I.ADO2	8 mm *0.315 in*



Disconnect with lever

D4/8.SN...I.ADO	8 mm *0.315 in*
D4/8.SN...I.ADO2	8 mm *0.315 in*



Disconnect with blade

D1/5.SNT2.ADO	5 mm *0.197 in*
D1.5/6.SNT2.ADO	6 mm *0.236 in*
D2.5/8.SNT2.ADO	8 mm *0.315 in*



Fuse

D1.5/8.SF.ADO	8 mm *0.315 in*
D2.5/8.SF.ADO2	8 mm *0.315 in*



Disconnect with lever

D1.5/8.SNN.ADO	8 mm *0.315 in*
D2.5/8.SNNT.ADO2	8 mm *0.315 in*

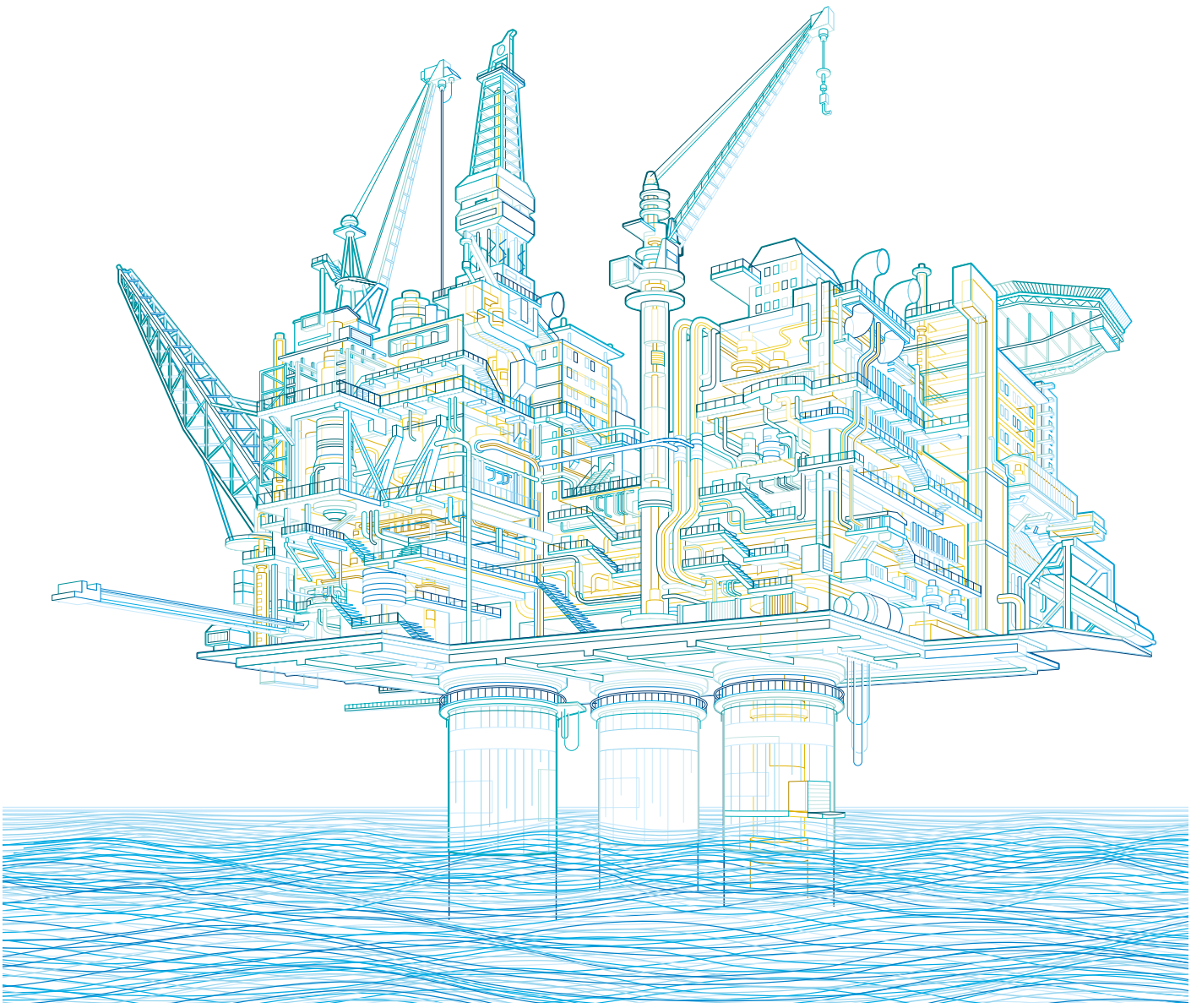


Sensors / actuators



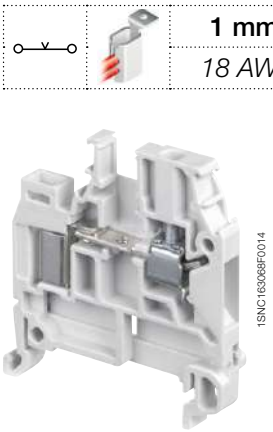
Component holders

All the technical data for UL/CSA standard and dimensions in inches are in italic.

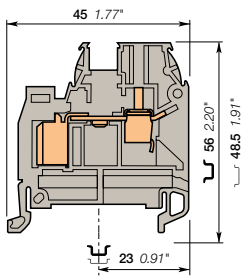


PB

D2.5/5.ADO IDC terminal blocks
Feed-through ADO - screw clamp - 5 mm *0.197 in* spacing



D2.5/5.ADO



5 mm *0.197 in* spacing

1 mm²
18 AWG

Description
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	D2.5/5.ADO	1SNA199554R2300	50	6.00
	Blue	D2.5/5.N.ADO	1SNA199556R2500	50	6.00
	Orange	D2.5/5.ADO	1SNA199555R2400	50	6.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*24-18 AWG*
	Flexible	0.22-1 mm²		*24-18 AWG*
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		*22-12 AWG*
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		13.5 A / 1 mm²		*7 A / 18 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		1000 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

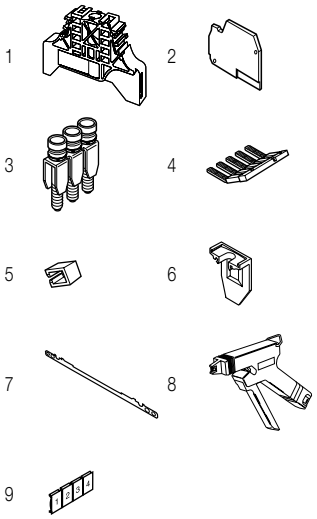
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEDAD1	1SNA199336R2000	20	2.50
3	**Jumper bars**	2 poles	24 A		BJMI5-2	1SNA176278R1600	10	3.30
		3 poles			BJMI5-3	1SNA176279R1700	10	5.00
		4 poles			BJMI5-4	1SNA176280R0500	10	6.70
		5 poles			BJMI5-5	1SNA176281R2200	10	8.40
		10 poles			BJMI5-10	1SNA176282R2300	10	16.90
4	**Lateral jumper bars**	2 poles	30 A	Grey	PC5-2	1SNA113542R1000	10	1.80
		10 poles			PC5-10	1SNA113544R1200	10	6.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400	10	
6	**Circuit separators**	0 mm	*0 in*	Grey	SCAD5	1SNA199551R2000	10	0.30
7	**Shield connectors**				CBM5	1SNA178745R1400	50	
8	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
9	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground IDC terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D2.5/5.ADO	Green-yellow	D2.5/5.P.ADO	1SNA399030R0500	50	9.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163001S0201 - Rev. A

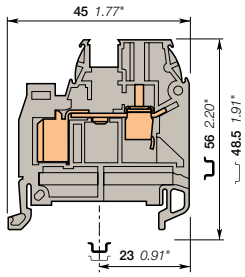
D4/6.ADO IDC terminal blocks
Feed-through ADO - screw clamp - 6 mm *0.236 in* spacing



1.5 mm²
16 AWG



D4/6.ADO



6 mm *0.236 in* spacing

Description
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	D4/6.ADO	1SNA199034R1500	50	7.00
	Blue	D4/6.N.ADO	1SNA199036R1700	50	7.00
	Orange	D4/6.ADO	1SNA199035R1600	50	7.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	*22-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		17.5 A / 1.5 mm²	*18 A / 16 AWG*	*18 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		1000 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

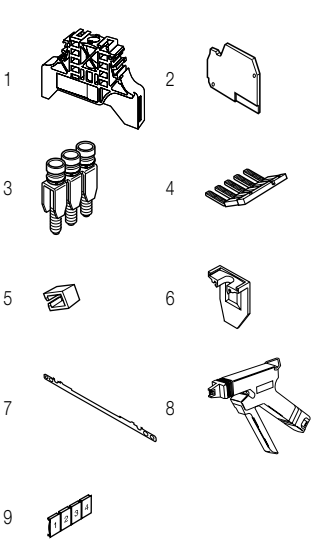
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Accessories

	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEDAD1	1SNA199336R2000	20	2.50
3	**Jumper bars**	2 poles	32 A		BJMI6-2	1SNA176663R0000	10	4.40
		3 poles			BJMI6-3	1SNA176664R0100	10	6.70
		4 poles			BJMI6-4	1SNA176665R0200	10	8.90
		5 poles			BJMI6-5	1SNA176666R0300	10	11.20
		10 poles			BJMI6-10	1SNA176667R0400	10	22.40
4	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400	10	2.00
		10 poles			PC6-10	1SNA113548R2600	10	8.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400	10	
6	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000	10	
7	**Shield connectors**				CBM5	1SNA178745R1400	50	
8	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
9	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.







Ground IDC terminal blocks

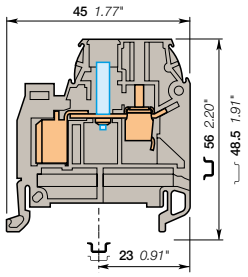
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D4/6.ADO	Green-yellow	D4/6.P.ADO	1SNA199050R0100	50	11.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163002S0201 - Rev. A

D4/6.ADO IDC terminal blocks
Feed-through ADO - screw clamp - 6 mm *0.236 in* spacing





6 mm *0.236 in* spacing



With test socket DIA 2 mm *0.079 in*

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With test socket DIA 2 mm *0.079 in*	Grey ☐	D4/6.ADO.2	1SNA199064R2300		50	8.00

Main technical data	IEC	*UL*	*CSA*	Nota
Rated voltage	800 V	*600 V*	*600 V*	
Impulse withstand voltage	8000 V			
Protection	IP20	*NEMA 1*		

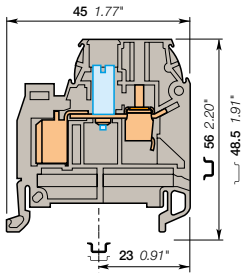
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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**Test plugs**	DIA 2 mm *0.079 in*	Black ■	FC2	1SNA007865R2600		100	





6 mm *0.236 in* spacing



With test socket DIA 4 mm *0.157 in*

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With test socket DIA 4 mm *0.157 in*	Grey ☐	D4/6.ADO.4	1SNA199048R0300		50	8.00

Main technical data	IEC	*UL*	*CSA*	Nota
Rated voltage	800 V	*600 V*	*600 V*	
Impulse withstand voltage	8000 V			
Protection	IP10	*NEMA*		

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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**Test plugs**	DIA 4 mm *0.157 in*	White ☐	FC4	1SNA167860R0100		10	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

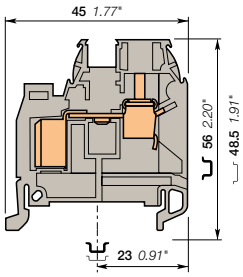
D6/8.ADO IDC terminal blocks
Feed-through ADO - screw clamp - 8 mm *0.315 in* spacing



2



D6/8.ADO



8 mm *0.315 in* spacing

Description
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	D6/8.ADO	1SNA199042R2500		50	11.00
		Blue	D6/8.N.ADO	1SNA199044R2700		50	11.00
		Orange	D6/8.ADO	1SNA199043R2600		50	11.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	*16-14 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm²	*22-8 AWG*	*22-8 AWG*
	Flexible	0.22-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	*25 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		1000 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

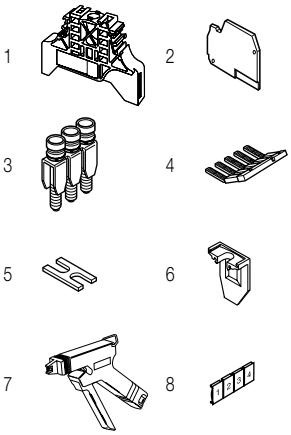
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Tool		Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEDAD1	1SNA199336R2000		20	2.50
3	**Jumper bars**	2 poles	41 A		BJMI8-2	1SNA176669R1600		10	4.50
		3 poles			BJMI8-3	1SNA176670R1300		10	6.00
		4 poles			BJMI8-4	1SNA176671R0000		10	10.00
		5 poles			BJMI8-5	1SNA176672R0100		10	12.22
		10 poles			BJMI8-10	1SNA176673R0200		10	20.00
4	**Lateral jumper bars**	2 poles	50 A		PC8-2	1SNA116538R1700		10	3.00
		10 poles			PC8-10	1SNA163313R2400		10	14.00
5	**Cross spacing jumpers**	*5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in*			EL6	1SNA173627R2100		10	0.10
		Universal screw jumper bar kit N°I			BJDP1	1SNA179623R0300		10	7.00
		Universal screw jumper bar kit N°III			BJDP3	1SNA179625R0500		10	5.00
6	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

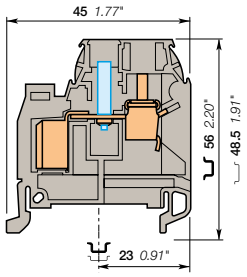
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D6/8.ADO	Green-yellow	D6/8.P.ADO	1SNA199118R2600		50	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163004S0201 - Rev. A

D6/8.ADO IDC terminal blocks
Feed-through ADO - screw clamp - 8 mm *0.315 in* spacing





8 mm *0.315 in* spacing


1

With test socket DIA 2 mm *0.079 in*

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With test socket DIA 2 mm *0.079 in* and black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	D6/8.ADO.2	1SNA199155R2300		50	12.00

Main technical data	IEC	*UL*	*CSA*	Nota
Rated voltage	1000 V	*600 V*	*600 V*	
Impulse withstand voltage	8000 V			
Protection	IP20	*NEMA 1*		

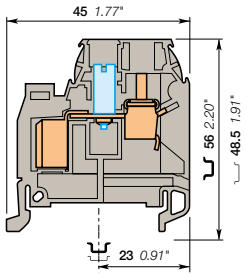
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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**Test plugs**	DIA 2 mm *0.079 in*	Black	FC2	1SNA007865R2600		100	





8 mm *0.315 in* spacing


1

With test socket DIA 4 mm *0.157 in*

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With test socket DIA 4 mm *0.157 in* and black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	D6/8.ADO.4	1SNA199157R2500		50	12.00

Main technical data	IEC	*UL*	*CSA*	Nota
Rated voltage	800 V	*600 V*	*600 V*	
Impulse withstand voltage	8000 V			
Protection	IP10	*NEMA*		

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RoHS RoHS · USR CNR · cCSAus · Gost R

Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**Test plugs**	DIA 4 mm *0.157 in*	White	FC4	1SNA167860R0100		10	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D6/8.ADO IDC terminal blocks
Feed-through ADO - screw clamp - 8 mm *0.315 in* spacing

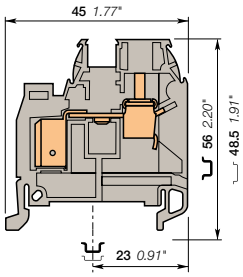


4 mm²
12 AWG

2



D6/8.ADO



8 mm *0.315 in* spacing

Description

– With the ABB ADO System®, experience the fastest and most reliable connection on the market,
– This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With white marking for wire size 4 mm2 (*12 AWG*)	Grey	D6/8.ADO3	1SNA399245R1500		50	11.00
		Blue	D6/8.N.ADO3	1SNA399319R1700		50	11.00
		Orange	D6/8.ADO3	1SNA399800R1700		50	11.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	4 mm²		*12 AWG*
	Flexible	4 mm²		*12 AWG*
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm²		*22-8 AWG*
	Flexible	0.22-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		32 A / 4 mm²		*25 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		1000 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

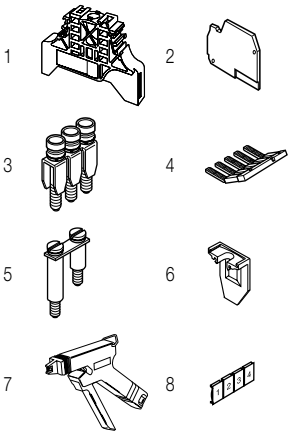
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Tool		Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS cCSAus Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEDAD1	1SNA199336R2000		20	2.50
3	**Jumper bars**	2 poles	41 A		BJMI8-2	1SNA176669R1600		10	4.50
		3 poles			BJMI8-3	1SNA176670R1300		10	6.00
		4 poles			BJMI8-4	1SNA176671R0000		10	10.00
		5 poles			BJMI8-5	1SNA176672R0100		10	12.22
		10 poles			BJMI8-10	1SNA176673R0200		10	20.00
4	**Lateral jumper bars**	2 poles	50 A		PC8-2	1SNA116538R1700		10	3.00
		10 poles			PC8-10	1SNA163313R2400		10	14.00
5	**Cross spacing jumpers**	Universal screw jumper bar kit N°I			BJDP1	1SNA179623R0300		10	7.00
		Universal screw jumper bar kit N°III			BJDP3	1SNA179625R0500		10	5.00
6	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D6/8 ADO	Green-yellow	D6/8.P.ADO3	1SNA399251R1300		50	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

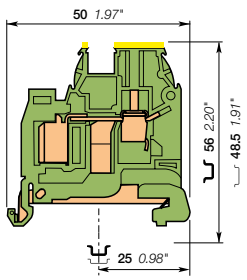
1SNC163006S0201 - Rev. A

D2.5/5.P.ADO IDC terminal blocks
Ground ADO - screw clamp - 5 mm *0.197 in* spacing





D2.5/5.P.ADO



5 mm *0.197 in* spacing

Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	D2.5/5.P.ADO	1SNA399030R0500	50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*24-18 AWG*
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		*22-12 AWG*
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated cross section		1 mm²		*18 AWG*
Rated short-time withstand current (1s)		120 A		
Protection		IP20	*NEMA 1*	

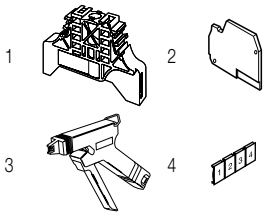
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm *0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	3 mm *0.118 in*	Grey	FEDAD1	1SNA199336R2000	20	2.50
3	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
		Hand tool		OUMAD	1SNA179466R0600	1	29.00
4	**Terminal block markers**	Blank card	White	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

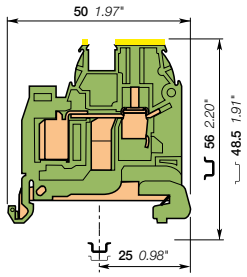
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/6.P.ADO IDC terminal blocks
Ground ADO - screw clamp - 6 mm *0.236 in* spacing

	1.5 mm²
	16 AWG



D4/6.P.ADO



6 mm *0.236 in* spacing

Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	D4/6.P.ADO	1SNA199050R0100		50	11.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	*22-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated cross section		1.5 mm²	*16 AWG*	*16 AWG*
Rated short-time withstand current (1s)		180 A		
Protection		IP20	*NEMA 1*	

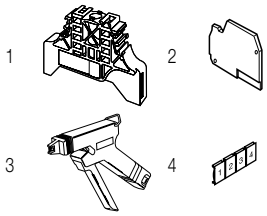
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm *0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm *0.118 in*	Grey	FEDAD1	1SNA199336R2000		20	2.50
3	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400		1	205.00
		Hand tool		OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card	White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

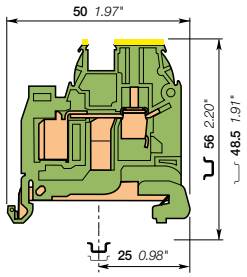
1SNC163010S0201 - Rev. A

D6/8.P.ADO IDC terminal blocks
Ground ADO - screw clamp - 8 mm *0.315 in* spacing





D6/8.P.ADO



8 mm *0.315 in* spacing

Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection, with black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Green-yellow	D6/8.P.ADO	1SNA199118R2600		50	14.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	*16-14 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm²	*22-8 AWG*	*22-8 AWG*
	Flexible	0.22-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated cross section		2.5 mm²	*14 AWG*	*14 AWG*
Rated short-time withstand current (1s)		300 A		
Protection		IP20	*NEMA 1*	

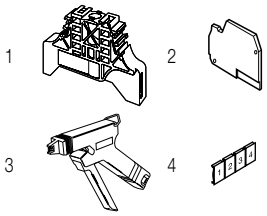
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	12 mm *0.47 in*
Tool	Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque	0.8 - 1 N.m *7.1 - 8.9 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEDAD1	1SNA199336R2000		20	2.50
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

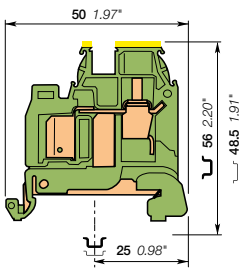
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D6/8.P.ADO IDC terminal blocks
Ground ADO - screw clamp - 8 mm *0.315 in* spacing

	4 mm²
	12 AWG



D6/8.P.ADO



8 mm *0.315 in* spacing

Description

– Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
– Secure mounting or removal from the rail,
– This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection, with white marking for wire size 4 mm² (*12 AWG*)	Green-yellow	D6/8.P.ADO3	1SNA399251R1300		50	14.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	4 mm²		*12 AWG*
	Flexible	4 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm²		*22-8 AWG*
	Flexible	0.22-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated cross section		4 mm²		*12 AWG*
Rated short-time withstand current (1s)		480 A		
Protection		IP20	*NEMA 1*	

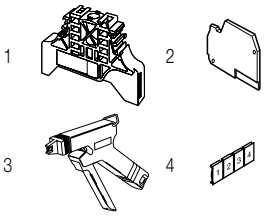
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	12 mm *0.47 in*
Tool	Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque	0.8 - 1 N.m *7.1 - 8.9 lb.in*

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Accessories



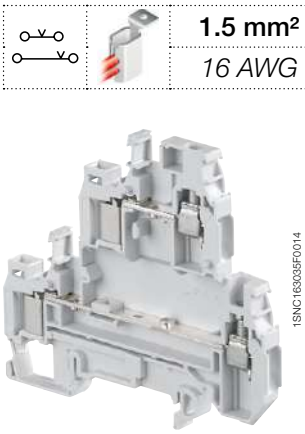
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEDAD1	1SNA199336R2000		20	2.50
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

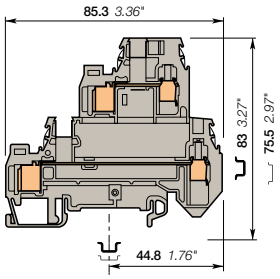
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163012S0201 - Rev. A

D4/6.D2.ADO IDC terminal blocks
Double deck ADO - screw clamp - 6 mm *0.236 in* spacing



D4/6.D2.ADO



6 mm *0.236 in* spacing

1.5 mm²
16 AWG

Description
- Save space with 2 decks terminal block,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With 2 feed-through circuits	Grey	D4/6.D2.ADO	1SNA199242R0200	50	18.00
		Blue	D4/6.D2.N.ADO	1SNA199244R0400	50	18.00

Main technical data

		IEC	UL	CSA
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²		*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		*22-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		17.5 A / 1.5 mm²		*18 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		800 V		*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

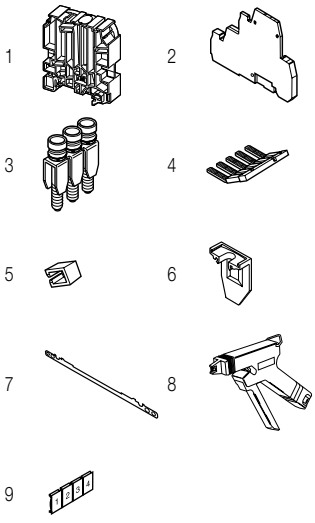
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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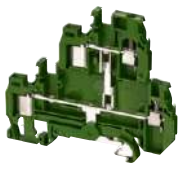
Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700	50	24.00
2	**End sections**	5 mm	*0.197 in*	Grey	FED2AD1	1SNA199417R1200	20	6.60
3	**Jumper bars**	2 poles	32 A		BJMI6-2	1SNA176663R0000	10	4.40
		3 poles			BJMI6-3	1SNA176664R0100	10	6.70
		4 poles			BJMI6-4	1SNA176665R0200	10	8.90
		5 poles			BJMI6-5	1SNA176666R0300	10	11.20
		10 poles			BJMI6-10	1SNA176667R0400	10	22.40
4	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400	10	2.00
		10 poles			PC6-10	1SNA113548R2600	10	8.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400	10	
6	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000	10	
7	**Shield connectors**				CBD2S	1SNA178408R1400	50	
8	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
9	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D4/6.D2 ADO	Green-yellow	D4/6.D1.P.ADO	1SNA399931R2500	50	23.00

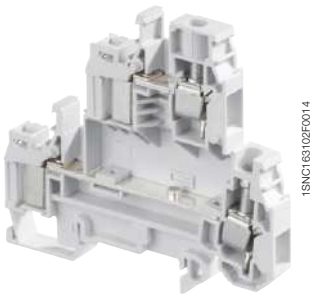
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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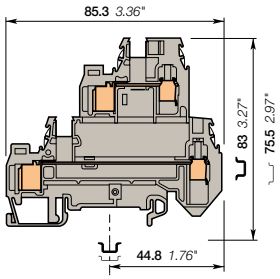
D6/8.D2.ADO IDC terminal blocks
Double deck ADO - screw clamp - 8 mm *0.315 in* spacing



2



D6/8.D2.ADO



8 mm *0.315 in* spacing

Description
- Save space with 2 decks terminal block,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 feed-through circuits	Grey ☐	D6/8.D2.ADO	1SNA399600R2600		50	

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²		
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm²		
	Flexible	0.22-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		24 A / 2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

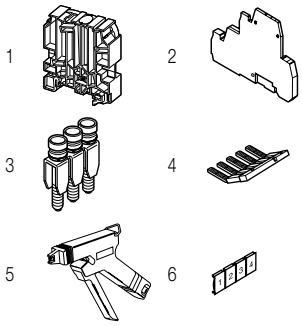
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Tool		Flat screwdriver Ø 4-4.5 mm *Ø 0.157 - 0.177 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	5 mm	*0.197 in*	Grey ☐	FED2AD1	1SNA199417R1200		20	6.60
3	**Jumper bars**	2 poles	41 A		BJMI8-2	1SNA176669R1600		10	4.50
		3 poles			BJMI8-3	1SNA176670R1300		10	6.00
		4 poles			BJMI8-4	1SNA176671R0000		10	10.00
		5 poles			BJMI8-5	1SNA176672R0100		10	12.22
		10 poles			BJMI8-10	1SNA176673R0200		10	20.00
4	**Lateral jumper bars**	2 poles	50 A	Grey ☐	PC8-2	1SNA116538R1700		10	3.00
		10 poles			PC8-10	1SNA163313R2400		10	
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
6	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

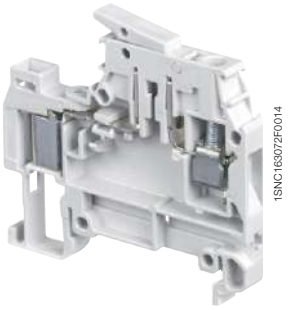
1SNC163008S0201 - Rev. A

D2.5/5.SN.ADO IDC terminal blocks

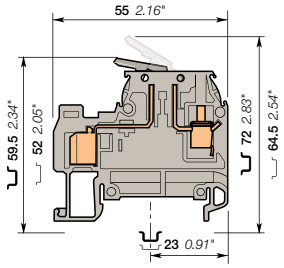
Disconnect with blade - with test socket - ADO screw clamp

5 mm *0.197 in* spacing





D2.5/5.SN.ADO



5 mm *0.197 in* spacing

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With test socket DIA 2 mm *0.079 in* on the ADO side	Grey ☐	D2.5/5.SN.ADO	1SNA399226R0200		50	9.00

Main technical data

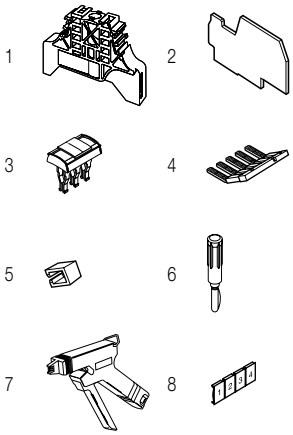
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		10 A / 1 mm²		
Rated short-time withstand current (1s)		120 A		
Rated voltage		320 V		
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	End stops		Grey ☐	BAM2	1SNA206351R1600		50	12.00
					BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FEDAD4	1SNA199352R0000		20	2.30
3	**Jumper bars**	2 poles	13.5 A	Orange ■	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		5 poles			BJADO5-5	1SNA205958R1600		20	2.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
4	**Lateral jumper bars**	2 poles	30 A	Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles			PC5-10	1SNA113544R1200		10	6.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
6	**Test plugs**	DIA 2 mm *0.079 in*		Black ■	FC2	1SNA007865R2600		100	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RC510	1SNA231000R0700		1	5.20

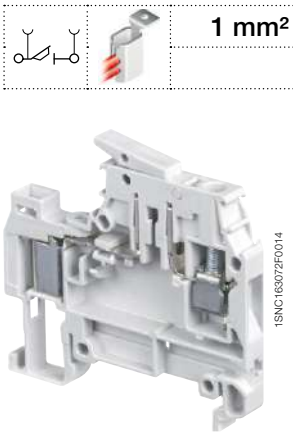
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

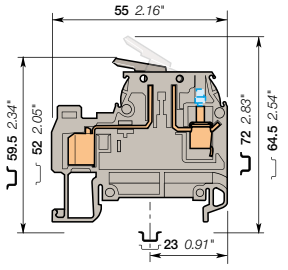
D2.5/5.SN.ADO IDC terminal blocks

Disconnect with blade - with test socket - ADO screw clamp

5 mm *0.197 in* spacing



D2.5/5.SN.ADO



5 mm *0.197 in* spacing

1 mm²

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in*	Grey	D2.5/5.SNT2.ADO	1SNA399228R1400		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		10 A / 1 mm²		
Rated short-time withstand current (1s)		120 A		
Rated voltage		320 V		
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

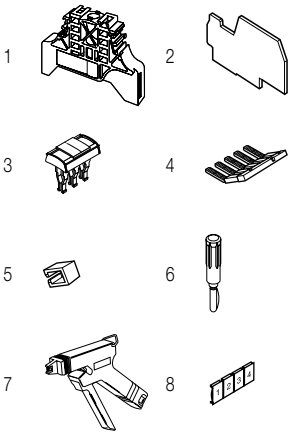
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey	FEDAD4	1SNA199352R0000		20	2.30
3	**Jumper bars**	2 poles	13.5 A	Orange	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
4	**Lateral jumper bars**	2 poles	30 A	Grey	PC5-2	1SNA113542R1000		10	1.80
		10 poles			PC5-10	1SNA113544R1200		10	6.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
6	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600		100	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

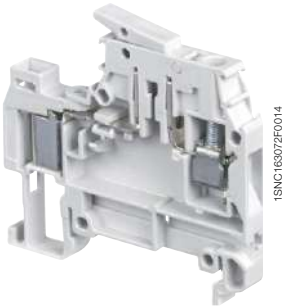
1SNC163014S0201 - Rev. A

D4/6.SN.ADO IDC terminal blocks

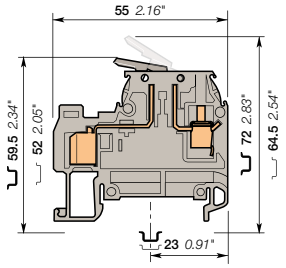
Disconnect with blade - with test socket - ADO screw clamp

6 mm *0.236 in* spacing

	1.5 mm²
	16 AWG



D4/6.SN.ADO



6 mm *0.236 in* spacing

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With test socket DIA 2 mm *0.079 in* on the ADO side	Grey	D4/6.SN.ADO	1SNA199107R2400		50	9.00
		Orange	D4/6.SN.ADO	1SNA199108R0500		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	*22-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 1.5 mm²	*10 A / 16 AWG*	*15 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

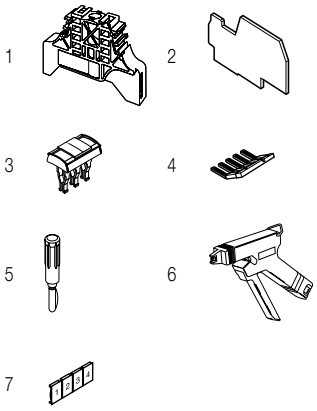
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey	FEDAD4	1SNA199352R0000		20	2.30
3	**Jumper bars**	2 poles	17.5 A	Orange	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
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Technical data valid for copper conductors only.

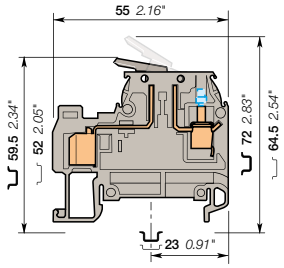
D4/6.SNT2.ADO IDC terminal blocks
Disconnect with blade - with test socket - ADO screw clamp
6 mm *0.236 in* spacing



2



D4/6.SNT2.ADO



6 mm *0.236 in* spacing

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in*	Grey	D4/6.SNT2.ADO	1SNA199235R2300		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	*22-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 1.5 mm²	*10 A / 16 AWG*	*15 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

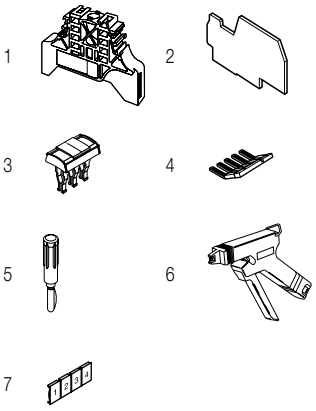
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey	FEDAD4	1SNA199352R0000		20	2.30
3	**Jumper bars**	2 poles	17.5 A	Orange	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
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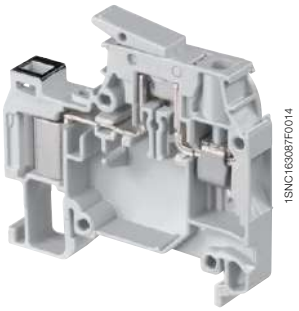
1SNC163016S0201 - Rev. A

D4/8.SN.ADO IDC terminal blocks

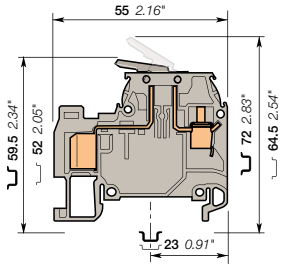
Disconnect with blade - with test socket - ADO screw clamp

8 mm *0.315 in* spacing





D4/8.SN.ADO



8 mm *0.315 in* spacing

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With test socket DIA 2 mm *0.079 in* on the ADO side, with black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey ☐	D4/8.SN.ADO	1SNA199137R1100		50	11.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-6 mm²	*22-10 AWG*	*22-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		15 A / 2.5 mm²	*15 A / 16 AWG*	*15 A / 16 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

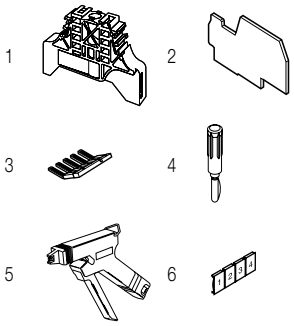
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS · USR CNR · cCSAus · Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FEDAD4	1SNA199352R0000		20	2.30
3	**Lateral jumper bars**	10 poles	35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2	1SNA007865R2600		100	
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
6	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/8.SF.I.ADO IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

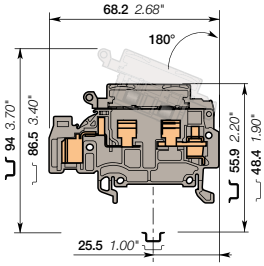
8 mm *0.315 in* spacing



2



D4/8.SF.I.ADO



8 mm *0.315 in* spacing

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	With test socket DIA 2 mm *0.079 in* on the ADO side	Grey	D4/8.SF.I.ADO	1SNA399785R0300		50	13.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²		
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		630 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

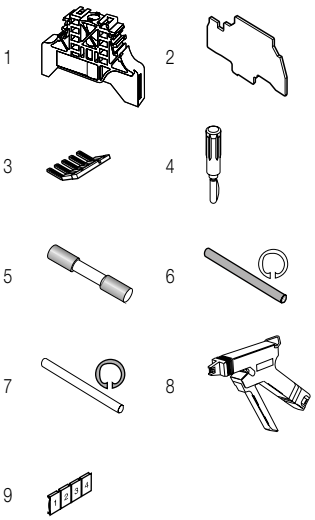
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R

Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm *0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm *0.059 in*	Grey	FEDAD10	1SNA399758R2700		20	3.00
3	**Lateral jumper bars**	10 poles 35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test plugs**	DIA 2 mm *0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Fuses**	0.5 A		FU520	1SNA008288R1500		10	
		1 A			1SNA008290R1300		10	
		2 A			1SNA008291R0000		10	
		3.15 A			1SNA008289R1600		10	
		5 A			1SNA008292R0100		10	
6	**Assembly rods**	2 poles		TGA8	1SNA168672R1100		10	1.00
		3 poles			1SNA168673R1200		10	
		4 poles			1SNA168674R1300		10	
7	**Spring retaining rings**			ANT	1SNA168675R1400		10	
8	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400		1	205.00
		Hand tool		OUMAD	1SNA179466R0600		1	29.00
9	**Terminal block markers**	Blank card	White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Disconnect IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D4/8.SF...ADO	Grey, blue	D4/8.SNNT2.I.ADO	1SNA399779R2400		50	13.00

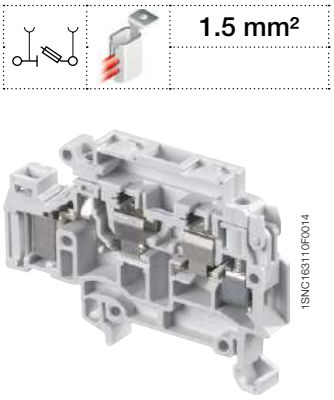
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163019S0201 - Rev. A

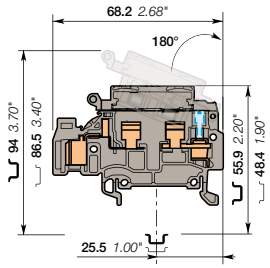
D4/8.SF.I.ADO IDC Terminal Blocks

For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm *0.315 in* Spacing



D4/8.SF.I.ADO



8 mm *0.315 in* Spacing

1.5 mm²

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering Details

Description		Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Fuse	With 2 test sockets DIA 2 mm *0.079 in*	Grey	D4/8.SFT2.I.ADO	1SNA399777R1200	50	13.00

Main Technical Data

		IEC	UL	CSA
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²		
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		630 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

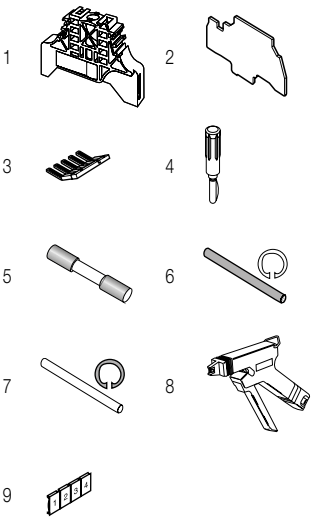
Mounting Instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	9.5 mm *0.37 in*
Tool	Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque	0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

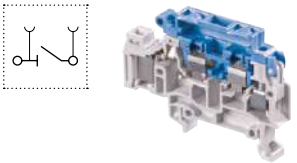
RoHS RoHS Gost R

Accessories



	Description			Color	Type	Order Code	Pkg pce	Weight (1 pce) g
1	**End Stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End Sections**	1.5 mm	*0.059 in*	Grey	FEDAD10	1SNA399758R2700	20	3.00
3	**Lateral Jumper Bars**	10 poles	35 A		PC81-10	1SNA173523R1100	10	5.00
4	**Test Plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600	100	
5	**Fuses**	0.5 A			FU520	1SNA008288R1500	10	
		1 A				1SNA008290R1300	10	
		2 A				1SNA008291R0000	10	
		5 A				1SNA008292R0100	10	
6	**Assembly Rods**	2 poles			TGA8	1SNA168672R1100	10	1.00
		3 poles				1SNA168673R1200	10	
		4 poles				1SNA168674R1300	10	
7	**Spring Retaining Rings**				ANT	1SNA168675R1400	10	
8	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
9	**Terminal Block Markers**	Blank card		White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC Terminal Blocks

Description		Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D4/8.SF.I.ADO	Grey, Blue	D4/8.SNNT2.I.ADO	1SNA399779R2400	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163020S0201 - Rev. A

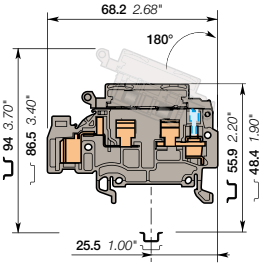
D4/8.SF.I.ADO IDC Terminal Blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test socket ADO - screw clamp - 8 mm *0.315 in* spacing





D4/8.SF.I.ADO



8 mm *0.315 in* spacing

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering Details

Description		Color	Type	Order Code		Pkg pce	Weight (1 pce) g
Fuse	With blown fuse indicator by LED 24 V and 2 test sockets DIA 2 mm *0.079 in*	Grey	D4/8.SFDT2.I.ADO	1SNA399782R0000		50	13.00
	With blown fuse indicator by neon 110 - 230 V and 2 test sockets DIA 2 mm *0.079 in*	Grey	D4/8.SFLT2.I.ADO	1SNA399856R0200		50	13.00

Main Technical Data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²		
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

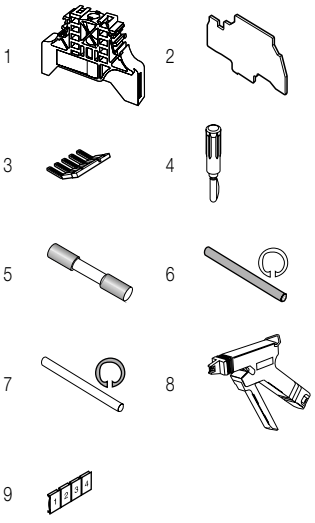
Mounting Instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

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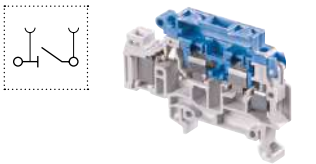
RoHS RoHS Gost R

Accessories



	Description			Color	Type	Order Code		Pkg pce	Weight (1 pce) g
1	**End Stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End Sections**	1.5 mm	*0.059 in*	Grey	FEDAD10	1SNA399758R2700		20	3.00
3	**Lateral Jumper Bars**	10 poles	35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test Plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600		100	
5	**Fuses**	0.5 A			FU520	1SNA008288R1500		10	
		1 A				1SNA008290R1300		10	
		2 A				1SNA008291R0000		10	
		3.15 A				1SNA008289R1600		10	
		5 A				1SNA008292R0100		10	
6	**Assembly Rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
7	**Spring Retaining Rings**				ANT	1SNA168675R1400		10	
8	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
9	**Terminal Block Markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC Terminal Blocks

Description		Color	Type	Order Code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D4/8.SF.I.ADO	Grey, Blue	D4/8.SNNT2.I.ADO	1SNA399779R2400		50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163021S0201 - Rev. A

D4/8.SF.I.ADO IDC terminal blocks

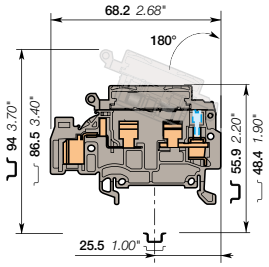
For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm *0.315 in* spacing





D4/8.SF.I.ADO



8 mm *0.315 in* spacing

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

2

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	With 2 test sockets DIA 2 mm *0.079 in*, With black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	D4/8.SFT2.I.ADO2	1SNA399762R1300		50	13.00

Main technical data

		IEC	UL	CSA
ADO	Rigid - Solid / Stranded	1-2.5 mm²		
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Rated voltage		630 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

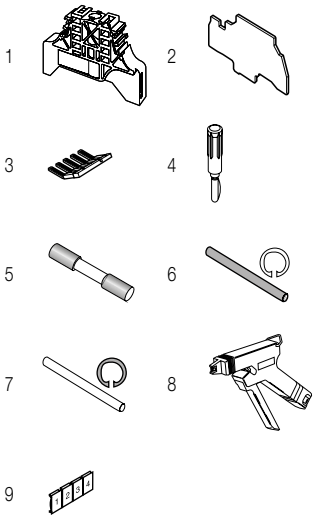
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

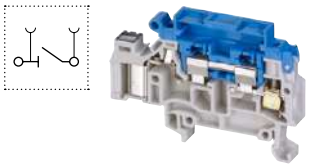
RoHS RoHS Gost R

Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm *0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm *0.059 in*	Grey	FEDAD10	1SNA399758R2700		20	3.00
3	**Lateral jumper bars**	10 poles 35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test plugs**	DIA 2 mm *0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Fuses**	0.5 A		FU520	1SNA008288R1500		10	
		1 A			1SNA008290R1300		10	
		2 A			1SNA008291R0000		10	
		3.15 A			1SNA008289R1600		10	
		5 A			1SNA008292R0100		10	
6	**Assembly rods**	2 poles		TGA8	1SNA168672R1100		10	1.00
		3 poles			1SNA168673R1200		10	
		4 poles			1SNA168674R1300		10	
7	**Spring retaining rings**			ANT	1SNA168675R1400		10	
8	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400		1	205.00
		Hand tool		OUMAD	1SNA179466R0600		1	29.00
9	**Terminal block markers**	Blank card	White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D4/8.SF.I.ADO	Grey, blue	D4/8.SNNT2.I.ADO2	1SNA399766R1700		50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/8.SF.I.ADO IDC terminal blocks

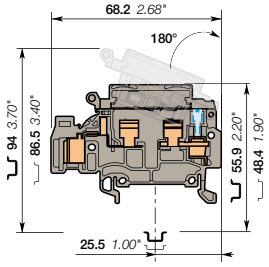
For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm *0.315 in* spacing

2.5 mm²
14 AWG



D4/8.SF.I.ADO



8 mm *0.315 in* spacing

Description

- Protect your circuits with 5 x 20 and 5 x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	With blown fuse indicator by neon 110 - 230 V and 2 test sockets DIA 2 mm *0.079 in*, with black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	D4/8.SFLT2.I.ADO2	1SNA399768R2100		50	13.00
	With blown fuse indicator by LED 24 V and 2 test sockets DIA 2 mm *0.079 in*, with black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	D4/8.SFDT2.I.ADO2	1SNA399770R2700		50	13.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²		
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

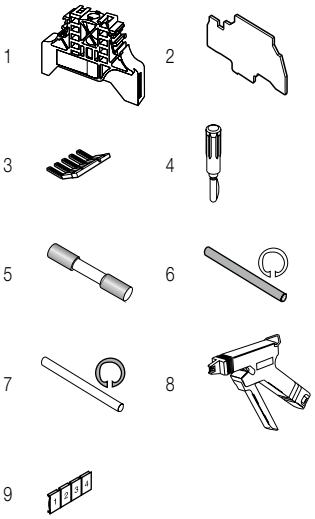
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

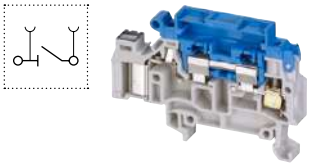
RoHS RoHS Gost R

Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm *0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm *0.059 in*	Grey	FEDAD10	1SNA399758R2700		20	3.00
3	**Lateral jumper bars**	10 poles 35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test plugs**	DIA 2 mm *0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Fuses**	0.5 A		FU520	1SNA008288R1500		10	
		1 A			1SNA008290R1300		10	
		2 A			1SNA008291R0000		10	
		3.15 A			1SNA008289R1600		10	
		5 A			1SNA008292R0100		10	
6	**Assembly rods**	2 poles		TGA8	1SNA168672R1100		10	1.00
		3 poles			1SNA168673R1200		10	
		4 poles			1SNA168674R1300		10	
7	**Spring retaining rings**			ANT	1SNA168675R1400		10	
8	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400		1	205.00
		Hand tool		OUMAD	1SNA179466R0600		1	29.00
9	**Terminal block markers**	Blank card	White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D4/8.SF.I.ADO	Grey, blue	D4/8.SNNT2.I.ADO2	1SNA399766R1700		50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

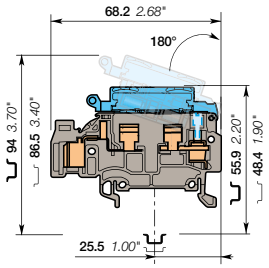
1SNC163023S0201 - Rev. A

D4/8.SN.I.ADO IDC terminal blocks
Disconnect with lever - with test socket - ADO screw clamp
8 mm *0.315 in* spacing





D4/8.SN.I.ADO



8 mm *0.315 in* spacing

Description

- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

2

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in*	Grey, blue	D4/8.SNNT2.I.ADO	1SNA399779R2400		50	13.00

Main technical data

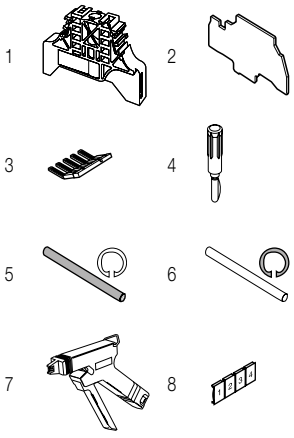
		IEC	*UL*	*CSA*
	Rigid - Solid / Stranded	0.34-1.5 mm²		
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		630 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

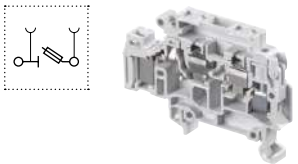
Gost R



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD10	1SNA399758R2700		20	3.00
3	**Lateral jumper bars**	10 poles	35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
6	**Spring retaining rings**				ANT	1SNA168675R1400		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuse IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	Profile aligned with D4/8.SN.I.ADO	Grey	D4/8.SFT2.I.ADO	1SNA399777R1200		50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163100S0201 - Rev. A

D4/8.SN.I.ADO IDC terminal blocks

Disconnect with lever - with test socket - ADO screw clamp

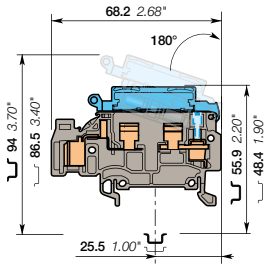
8 mm *0.315 in* spacing



2



D4/8.SN.I.ADO



8 mm *0.315 in* spacing

Description

- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in*, with black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey, blue	D4/8.SNNT2.I.ADO2	1SNA399766R1700		50	13.00

Main technical data

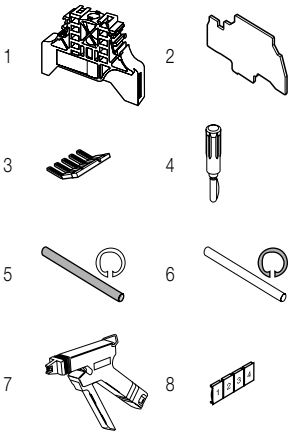
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²		
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Rated voltage		630 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	9.5 mm *0.37 in*
Tool	Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque	0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD10	1SNA399758R2700		20	3.00
3	**Lateral jumper bars**	10 poles	35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
6	**Spring retaining rings**				ANT	1SNA168675R1400		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Fuse IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	Profile aligned with D4/8.SN.I.ADO	Grey	D4/8.SFT2.I.ADO2	1SNA399762R1300		50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

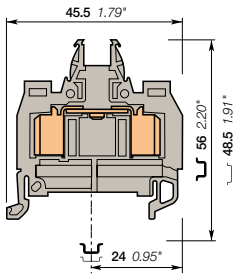
1SNC163025S0201 - Rev. A

D1/5.ADO IDC terminal blocks
Feed-through ADO - ADO - 5 mm *0.197 in* spacing





D1/5.ADO



5 mm *0.197 in* spacing

Description
– With the ABB ADO System®, experience the fastest and most reliable connection on the market,
– Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
– Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Feed-through	Grey	D1/5.ADO	1SNA199563R2400		50	5.00
		Blue	D1/5.N.ADO	1SNA199565R2600		50	5.00
		Orange	D1/5.ADO	1SNA199564R2500		50	5.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*22-18 AWG*
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		13.5 A / 1 mm²		*7 A / 18 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		1000 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

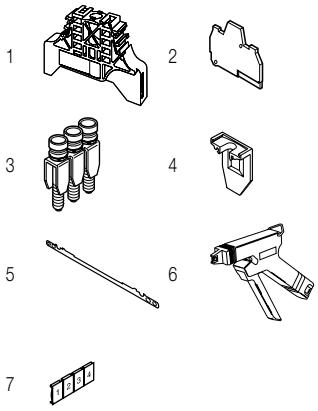
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS cCSAus Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Jumper bars**	2 poles	24 A		BJMI5-2	1SNA176278R1600		10	3.30
		3 poles			BJMI5-3	1SNA176279R1700		10	5.00
		4 poles			BJMI5-4	1SNA176280R0500		10	6.70
		5 poles			BJMI5-5	1SNA176281R2200		10	8.40
		10 poles			BJMI5-10	1SNA176282R2300		10	16.90
4	**Circuit separators**	0 mm	*0 in*	Grey	SCAD5	1SNA199551R2000		10	0.30
5	**Shield connectors**				CBM5	1SNA178745R1400		50	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D1/5.ADO	Green-yellow	D1/5.P.ADO	1SNA399031R2200		50	9.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163039S0201 - Rev. A

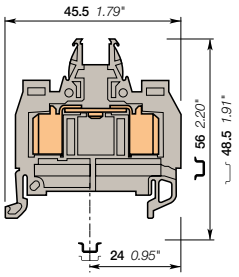
D1.5/6.ADO IDC terminal blocks
Feed-through ADO - ADO - 6 mm *0.236 in* spacing



1.5 mm²
16 AWG



D1.5/6.ADO



6 mm *0.236 in* spacing

Description
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey	D1.5/6.ADO	1SNA199051R2600		50	6.00
	Blue	D1.5/6.N.ADO	1SNA199053R2000		50	6.00
	Orange	D1.5/6.ADO	1SNA199052R2700		50	6.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-14 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		17.5 A / 1.5 mm²	*10 A / 14 AWG*	*18 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		1000 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

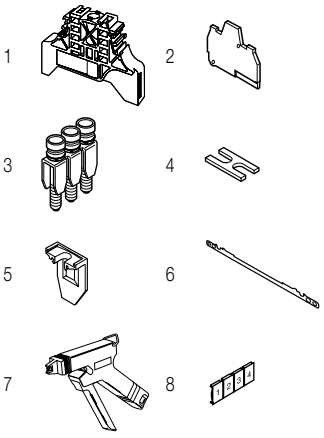
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS · USR · cCSAus · Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Jumper bars**	2 poles	32 A		BJMI6-2	1SNA176663R0000		10	4.40
		3 poles			BJMI6-3	1SNA176664R0100		10	6.70
		4 poles			BJMI6-4	1SNA176665R0200		10	8.90
		5 poles			BJMI6-5	1SNA176666R0300		10	11.20
		10 poles			BJMI6-10	1SNA176667R0400		10	22.40
4	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
		Universal screw jumper bar kit N°I			BJDP1	1SNA179623R0300		10	7.00
		Universal screw jumper bar kit N°III			BJDP3	1SNA179625R0500		10	5.00
5	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000		10	
6	**Shield connectors**				CBM5	1SNA178745R1400		50	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D1.5/6.ADO	Green-yellow	D1.5/6.P.ADO	1SNA199098R2600		50	6.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163040S0201 - Rev. A

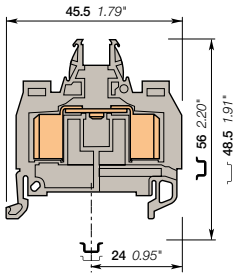
D2.5/8.ADO IDC terminal blocks
Feed-through ADO - ADO - 8 mm *0.315 in* spacing



2.5 mm²
14 AWG



D2.5/8.ADO



8 mm *0.315 in* spacing

Description
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	D2.5/8.ADO	1SNA199059R0600		50	9.00
		Blue	D2.5/8.N.ADO	1SNA199061R2000		50	9.00
		Orange	D2.5/8.ADO	1SNA199060R0300		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	*16-14 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 14 AWG*	*25 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		1000 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

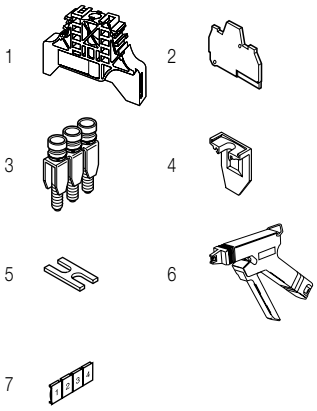
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Jumper bars**	2 poles	41 A		BJMI8-2	1SNA176669R1600		10	4.50
		3 poles			BJMI8-3	1SNA176670R1300		10	6.00
		4 poles			BJMI8-4	1SNA176671R0000		10	10.00
		5 poles			BJMI8-5	1SNA176672R0100		10	12.22
		10 poles			BJMI8-10	1SNA176673R0200		10	20.00
4	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000		10	
5	**Cross spacing jumpers**	*5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in*			EL6	1SNA173627R2100		10	0.10
		Universal screw jumper bar kit N°I			BJDP1	1SNA179623R0300		10	7.00
		Universal screw jumper bar kit N°III			BJDP3	1SNA179625R0500		10	5.00
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D2.5/8.ADO	Green-Yellow	D2.5/8.P.ADO	1SNA199091R1700		50	9.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

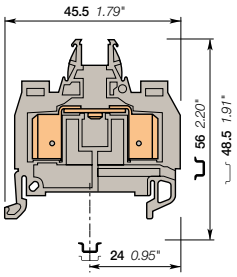
1SNC163041S0201 - Rev. A

D4/8.ADO IDC terminal blocks
Feed-through ADO-ADO - 8 mm *0.315 in* spacing

4 mm²
12 AWG



D4/8.ADO



8 mm *0.315 in* spacing

Description
– With the ABB ADO System®, experience the fastest and most reliable connection on the market,
– Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With white marking for wire size 4 mm² *(12 AWG)*	Grey	D4/8.ADO	1SNA399244R1400		50	9.00
		Blue	D4/8.N.ADO	1SNA399318R1600		50	9.00
		Orange	D4/8.ADO	1SNA399801R0400		50	9.00

Main technical data

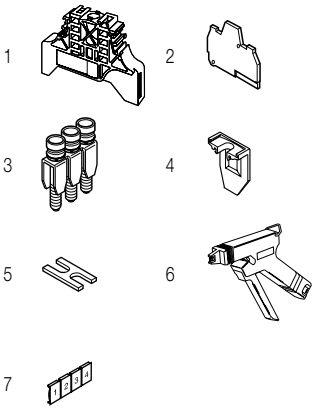
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	4 mm²		*14-12 AWG*
	Flexible	4 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		32 A / 4 mm²		*25 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		1000 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Jumper bars**	2 poles	41 A		BJMI8-2	1SNA176669R1600		10	4.50
		3 poles			BJMI8-3	1SNA176670R1300		10	6.00
		4 poles			BJMI8-4	1SNA176671R0000		10	10.00
		5 poles			BJMI8-5	1SNA176672R0100		10	12.22
		10 poles			BJMI8-10	1SNA176673R0200		10	20.00
4	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000		10	
5	**Cross spacing jumpers**	*5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in*			EL6	1SNA173627R2100		10	0.10
		Universal screw jumper bar kit N°I			BJDP1	1SNA179623R0300		10	7.00
		Universal screw jumper bar kit N°III			BJDP3	1SNA179625R0500		10	5.00
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with D4/8.ADO	Green-Yellow	D4/8.P.ADO	1SNA399250R2600		50	9.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

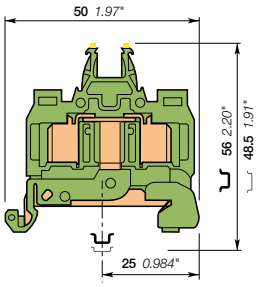
1SNC163042S0201 - Rev. A

D1/5.P.ADO IDC terminal blocks
Ground ADO - ADO - 5 mm *0.197 in* spacing





D1/5.P.ADO



5 mm *0.197 in* spacing

Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	D1/5.P.ADO	1SNA399031R2200		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*22-18 AWG*
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated cross section		1 mm²		*18 AWG*
Rated short-time withstand current (1s)		120 A		
Protection		IP20	*NEMA 1*	

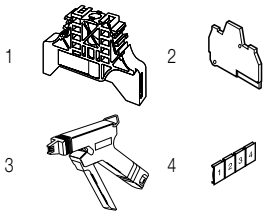
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

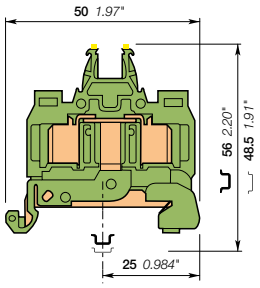
D1.5/6.P.ADO IDC terminal blocks
Ground ADO - ADO - 6 mm *0.236 in* spacing



2



D1.5/6.P.ADO



6 mm *0.236 in* spacing

Description
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	D1.5/6.P.ADO	1SNA199098R2600		50	6.00

Main technical data

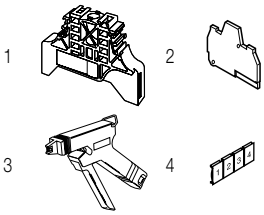
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated cross section		1.5 mm²	*16 AWG*	*16 AWG*
Rated short-time withstand current (1s)		180 A		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

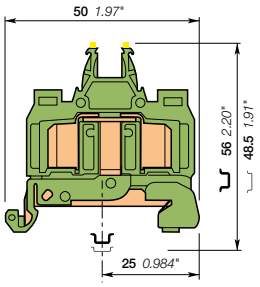
1SNC163049S0201 - Rev. A

D2.5/8.P.ADO IDC terminal blocks
Ground ADO - ADO - 8 mm *0.315 in* spacing





D2.5/8.P.ADO



8 mm *0.315 in* spacing

Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection with black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Green-yellow	D2.5/8.P.ADO	1SNA199091R1700		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated cross section		2.5 mm²	*14 AWG*	
Rated short-time withstand current (1s)		300 A		
Protection		IP20	*NEMA 1*	

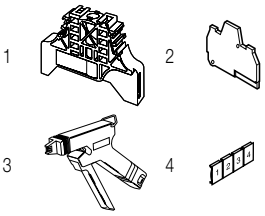
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS USR Gost R

Accessories



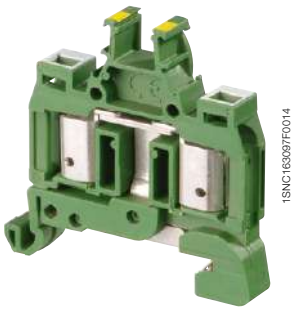
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

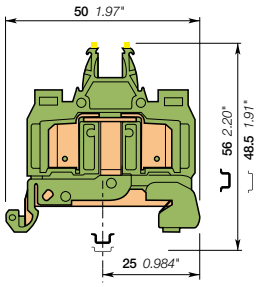
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/8.P.ADO IDC terminal blocks
Ground ADO - ADO - 8 mm *0.315 in* spacing





D4/8.P.ADO



8 mm *0.315 in* spacing

Description
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection, with white marking for wire size 4 mm² (*12 AWG*)	Green-yellow	D4/8.P.ADO	1SNA399250R2600		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	4 mm²		*14-12 AWG*
	Flexible	4 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated cross section		4 mm²		*12 AWG*
Rated short-time withstand current (1s)		480 A		
Protection		IP20	*NEMA 1*	

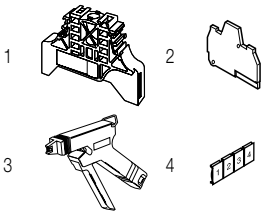
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS cCSAus Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

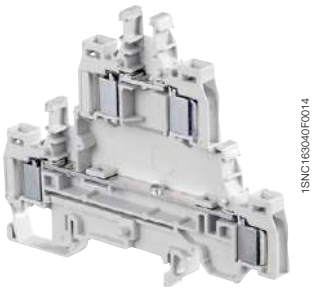
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

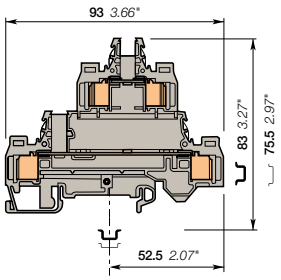
1SNC163051S0201 - Rev. A

D1.5/6.D2.ADO IDC terminal blocks
Double deck with 2 feed-through circuits ADO-ADO
6 mm *0.236 in* spacing





D1.5/6.D2.ADO



6 mm *0.236 in* spacing

Description

- Save space with 2 decks terminal block,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With 2 feed-through circuits	Grey	D1.5/6.D2.ADO	1SNA199480R2600	50	18.00
		Blue	D1.5/6.D2.N.ADO	1SNA199482R1400	50	18.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²		
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		17.5 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		800 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

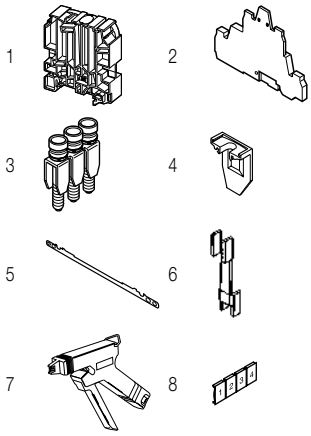
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R

Accessories



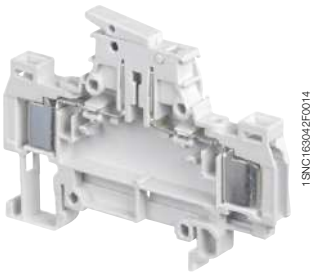
	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700	50	24.00
2	**End sections**	5 mm	*0.197 in*	Grey	FED2AD2	1SNA199476R2500	20	7.00
3	**Jumper bars**	2 poles	32 A		BJMI6-2	1SNA176663R0000	10	4.40
		3 poles			BJMI6-3	1SNA176664R0100	10	6.70
		4 poles			BJMI6-4	1SNA176665R0200	10	8.90
		5 poles			BJMI6-5	1SNA176666R0300	10	11.20
		10 poles			BJMI6-10	1SNA176667R0400	10	22.40
4	**Circuit separators**	0 mm	*0 in*	Grey	SCAD	1SNA196896R0000	10	
5	**Shield connectors**				CBD2S	1SNA178408R1400	50	
6	**Inner deck jumper bars**	Inner deck jumper bars			ITVE	1SNA179694R0300	20	1.40
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
8	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

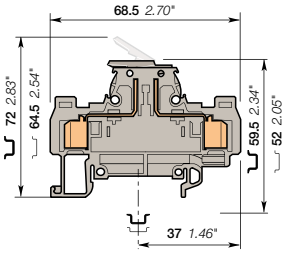
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D1/5.SNT2.ADO IDC terminal blocks
Disconnect with blade - with test socket ADO - ADO
5 mm *0.197 in* spacing





D1/5.SNT2.ADO



5 mm *0.197 in* spacing

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in*	Grey	D1/5.SNT2.ADO	1SNA399231R0700		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		10 A / 1 mm²		
Rated short-time withstand current (1s)		120 A		
Rated voltage		320 V		
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

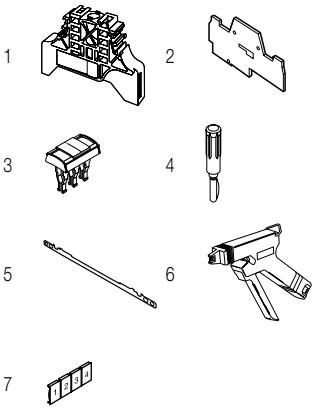
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

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RoHS RoHS Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey	FEDAD5	1SNA199354R0200		20	2.70
3	**Jumper bars**	2 poles	13.5 A	Orange	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
4	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600		100	
5	**Shield connectors**				CDB2	1SNA179635R0700		50	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

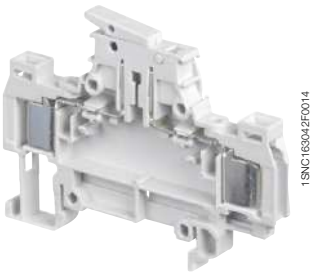
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

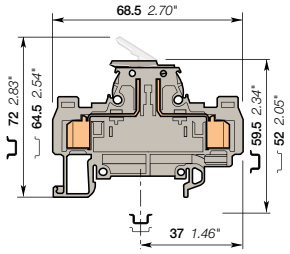
1SNC163052S0201 - Rev. A

D1.5/6.SNT2.ADO IDC terminal blocks
Disconnect with blade - with test socket ADO - ADO
6 mm *0.236 in* spacing





D1.5/6.SNT2.ADO



6 mm *0.236 in* spacing

Description
- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in*	Grey	D1.5/6.SNT2.ADO	1SNA199144R2000	50	9.00

Main technical data

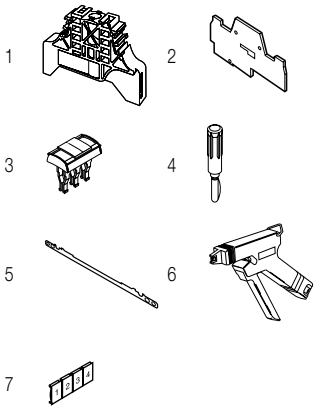
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-14 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		10 A / 1.5 mm²	*8 A / 14 AWG*	*15 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

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Accessories

	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey	FEDAD5	1SNA199354R0200	20	2.70
3	**Jumper bars**	2 poles	17.5 A	Orange	BJADO6-2	1SNA205974R0600	20	1.00
		3 poles			BJADO6-3	1SNA205975R0700	20	1.00
		10 poles			BJADO6-10	1SNA205982R2700	10	6.00
4	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600	100	
5	**Shield connectors**				CDB2	1SNA179635R0700	50	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
7	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D2.5/8.SNT2.ADO IDC terminal blocks
Disconnect with blade - with test socket ADO - ADO
8 mm *0.315 in* spacing

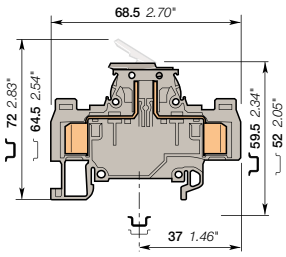


2.5 mm²
14 AWG

2



D2.5/8.SNT2.ADO



8 mm *0.315 in* spacing

Description
- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in* With black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey ☐	D2.5/8.SNT2.ADO	1SNA199231R2700		50	12.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	*16-14 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		15 A / 2.5 mm²	*15 A / 14 AWG*	*15 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

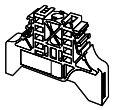
Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

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RoHS USR cCSAus Gost R

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FEDAD5	1SNA199354R0200		20	2.70
3	**Test plugs**	DIA 2 mm *0.079 in*		Black ■	FC2	1SNA007865R2600		100	
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

1  2 
3  4 
5 

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

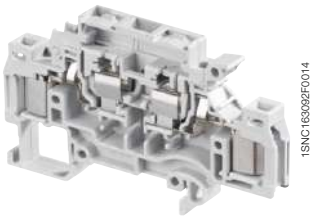
1SNC163054S0201 - Rev. A

D1.5/8.SF.ADO IDC terminal blocks

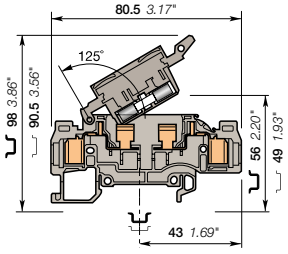
For 5 x 20 and 5 x 25 fuses - with test socket ADO - ADO

8 mm *0.315 in* spacing





D1.5/8.SF.ADO



8 mm *0.315 in* spacing

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	With 2 test sockets DIA 2 mm *0.079 in* or DIA 2.3 mm *0.091 in*	Grey	D1.5/8.SFT.ADO	1SNA199208R1100		50	13.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		6.3 A / 1.5 mm²	*8 A / 16 AWG*	*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		630 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

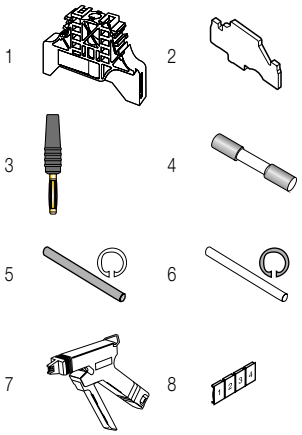
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

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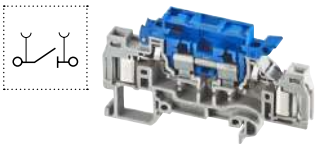
RoHS RoHS · USR · cCSAus · Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD7	1SNA199382R2700		20	3.80
3	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2.MC	1SNA107239R0300		20	1.00
4	**Fuses**	0.5 A			FU520	1SNA008288R1500		10	
		1 A				1SNA008290R1300		10	
		2 A				1SNA008291R0000		10	
		3.15 A				1SNA008289R1600		10	
		5 A				1SNA008292R0100		10	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
6	**Spring retaining rings**				ANT	1SNA168675R1400		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D1.5/8.SF.ADO	Grey, Blue	D1.5/8.SNNT.ADO	1SNA199210R0600		50	17.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D1.5/8.SF.ADO IDC terminal blocks

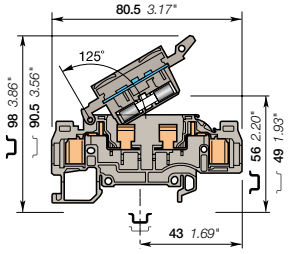
For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test socket ADO - ADO - 8 mm *0.315 in* spacing

1.5 mm²
16 AWG

2



D1.5/8.SF.ADO



8 mm *0.315 in* spacing

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	With blown fuse indicator by neon 110 - 230 V and 2 test sockets	Grey	D1.5/8.SFLT.ADO	1SNA199211R2300		50	14.00
	With blown fuse indicator by LED 24 V DC and 2 test sockets	Grey	D1.5/8.SFDT.ADO	1SNA199212R2400		50	14.00

Main technical data

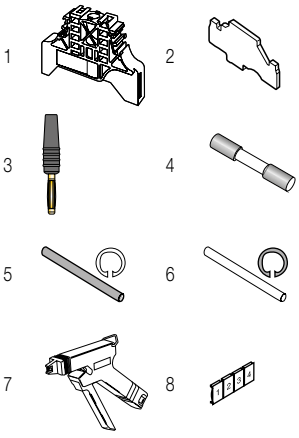
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		6.3 A / 1.5 mm²	*8 A / 16 AWG*	*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

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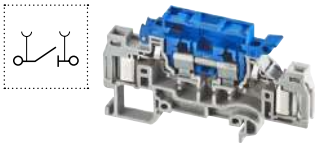
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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD7	1SNA199382R2700		20	3.80
3	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2.MC	1SNA107239R0300		20	1.00
4	**Fuses**	0.5 A			FU520	1SNA008288R1500		10	
		1 A				1SNA008290R1300		10	
		2 A				1SNA008291R0000		10	
		3.15 A				1SNA008289R1600		10	
		5 A				1SNA008292R0100		10	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
6	**Spring retaining rings**				ANT	1SNA168675R1400		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D1.5/8.SF.ADO	Grey, blue	D1.5/8.SNNT.ADO	1SNA199210R0600		50	17.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

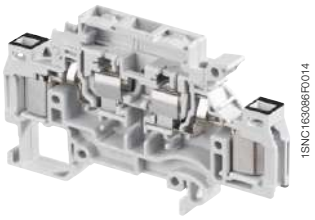
1SNC163057S0201 - Rev. A

D2.5/8.SF.ADO2 IDC terminal blocks

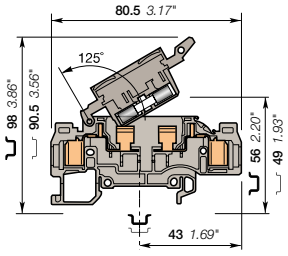
For 5 x 20 and 5 x 25 fuses - with test socket ADO - ADO

8 mm *0.315 in* spacing





D2.5/8.SF.ADO2



8 mm *0.315 in* spacing

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse	With 2 test sockets DIA 2 mm *0.079 in* or DIA 2.3 mm *0.091 in* and black marking for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	D2.5/8.SFT.ADO2	1SNA199184R1100	50	14.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	*16-14 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		6.3 A / 2.5 mm²	*10 A / 14 AWG*	*10 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		630 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

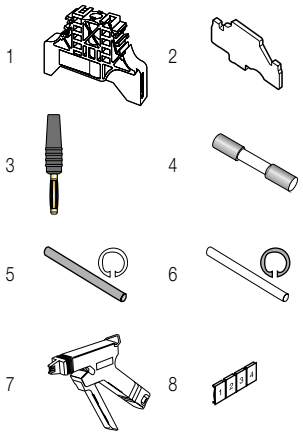
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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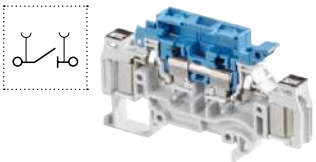
RoHS RoHS · USR · cCSAus · Gost R

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD7	1SNA199382R2700	20	3.80
3	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2.MC	1SNA107239R0300	20	1.00
4	**Fuses**	0.5 A			FU520	1SNA008288R1500	10	
		1 A				1SNA008290R1300	10	
		2 A				1SNA008291R0000	10	
		3.15 A				1SNA008289R1600	10	
		5 A				1SNA008292R0100	10	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100	10	1.00
		3 poles				1SNA168673R1200	10	
		4 poles				1SNA168674R1300	10	
6	**Spring retaining rings**				ANT	1SNA168675R1400	10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D2.5/8.SF.ADO	Grey, blue	D2.5/8.SNNT.ADO2	1SNA199186R1300	50	18.00

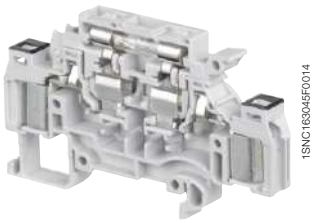
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D2.5/8.SF.ADO2 IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test socket ADO - ADO - 8 mm *0.315 in* spacing

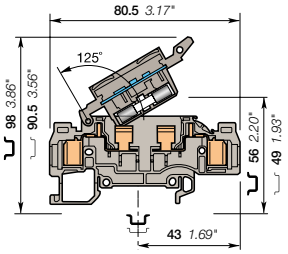


2.5 mm²
14 AWG



1SNC163045F0014

D2.5/8.SF.ADO2



8 mm *0.315 in* spacing

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	With blown fuse indicator by neon 110 - 230 V and 2 test sockets and black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey ☐	D2.5/8.SFLT.ADO2	1SNA199187R1400		50	15.00
	With blown fuse indicator by LED 24 V DC and 2 test sockets and black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey ☐	D2.5/8.SFDT.ADO2	1SNA199188R2500		50	15.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	*16-14 AWG*
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		6.3 A / 2.5 mm²	*10 A / 14 AWG*	*10 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V	*600 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

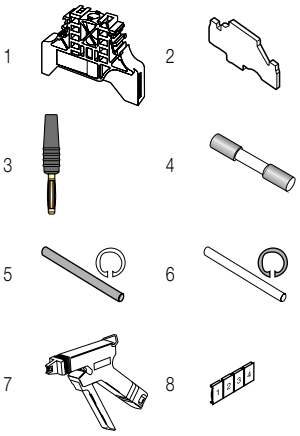
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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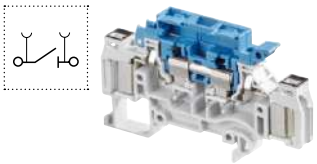
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey ☐	FEDAD7	1SNA199382R2700		20	3.80
3	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2.MC	1SNA107239R0300		20	1.00
4	**Fuses**	0.5 A			FU520	1SNA008288R1500		10	
		1 A				1SNA008290R1300		10	
		2 A				1SNA008291R0000		10	
		3.15 A				1SNA008289R1600		10	
		5 A				1SNA008292R0100		10	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
6	**Spring retaining rings**				ANT	1SNA168675R1400		10	
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

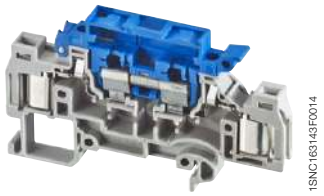
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with D2.5/8.SF.ADO	Grey, blue ▤	D2.5/8.SNNT.ADO2	1SNA199186R1300		50	18.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

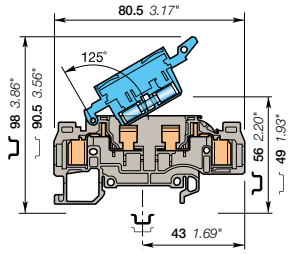
1SNC163059S0201 - Rev. A

D1.5/8.SNN.ADO IDC terminal blocks
Disconnect - with test socket ADO - ADO - 8 mm *0.315 in* spacing





D1.5/8.SNN.ADO



8 mm *0.315 in* spacing

Description
- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in* or DIA 2.3 mm *0.091 in*	Grey, blue	D1.5/8.SNNT.ADO	1SNA199210R0600	50	17.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	*22-16 AWG*
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		10 A / 1.5 mm²	*8 A / 16 AWG*	*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		630 V	*600 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

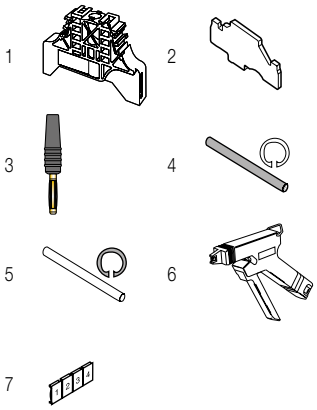
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

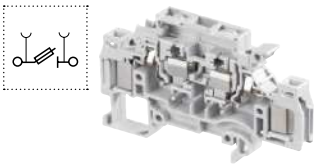
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Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD7	1SNA199382R2700	20	3.80
3	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2.MC	1SNA107239R0300	20	1.00
4	**Assembly rods**	2 poles			TGA8	1SNA168672R1100	10	1.00
		3 poles				1SNA168673R1200	10	
		4 poles				1SNA168674R1300	10	
5	**Spring retaining rings**				ANT	1SNA168675R1400	10	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
7	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuse IDC terminal blocks

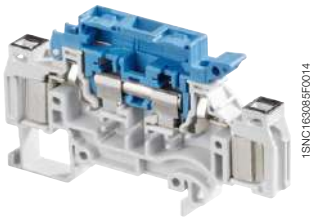
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse	Profile aligned with D1.5/8.SNN.ADO	Grey	D1.5/8.SFT.ADO	1SNA199208R1100	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

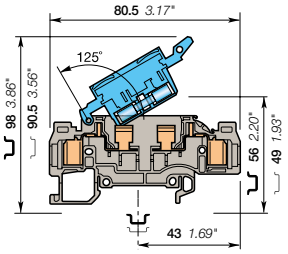
1SNC163060S0201 - Rev. A

D2.5/8.SNNT.ADO2 IDC terminal blocks
Disconnect - with test socket ADO - ADO - 8 mm *0.315 in* spacing

2.5 mm²
14 AWG



D2.5/8.SNNT.ADO2



8 mm *0.315 in* spacing

Description
- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 2 mm *0.079 in* and black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey, blue	D2.5/8.SNNT.ADO2	1SNA199186R1300		50	18.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		10 A / 2.5 mm²	*10 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		630 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

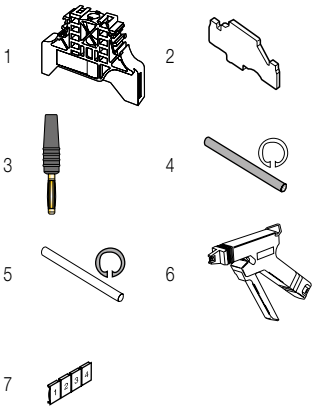
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

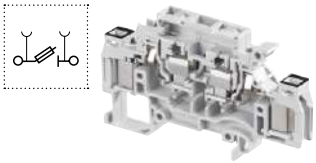
RoHS RoHS · USR · Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1.5 mm	*0.059 in*	Grey	FEDAD7	1SNA199382R2700		20	3.80
3	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2.MC	1SNA107239R0300		20	1.00
4	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
5	**Spring retaining rings**				ANT	1SNA168675R1400		10	
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



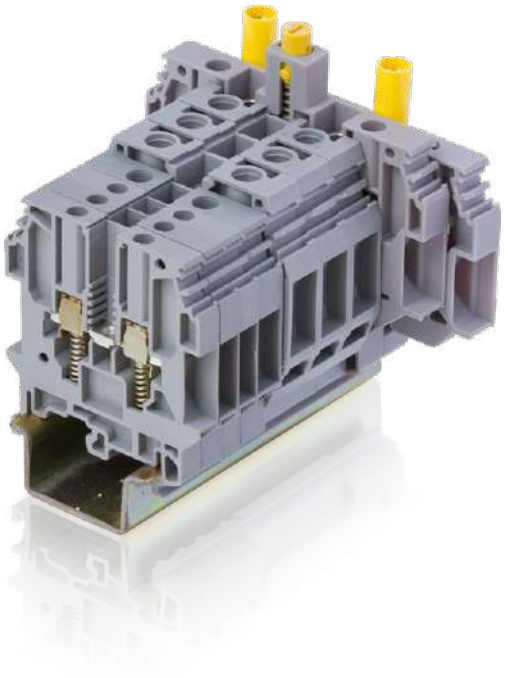
Fuse IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	Profile aligned with D2.5/8.SNNT.ADO	Grey	D2.5/8.SFT.ADO2	1SNA199184R1100		50	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163061S0201 - Rev. A

Notes



1SNC162115S0201

Solution series, terminal blocks
Spring loaded screw clamp technology



Technologies presentation 62
Overview 64

Feed-through

4 mm² / *12 AWG*	**M4/6.RS**		65
6 mm² / *12 AWG*	**M6/8.RS**		66
10 mm² / *6 AWG*	**M10/10.RS**		67

Disconnect with blade

4 mm² / *10 AWG*	**M4/6.SNTS**		68

Disconnect with push-turn knob

6 mm² / *12 AWG*	**M6/8.STP.RS**	With test	69

Disconnect with screwdriver sliding link

6 mm² / *12 AWG*	**D6/8.ST.RS**		70
	D6/8.ST1.RS.IP20	With insulated test sockets	71

3

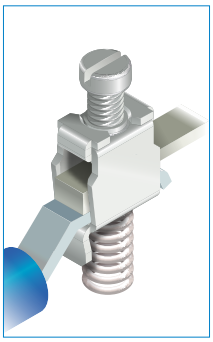
1SNC162115S0201

Solution series, terminal blocks
Spring loaded screw clamp technology



The safest screw connection!

ABB screw clamp spring loaded technology offers additional contact safety thanks to the combination of a spring under clamp preventing screw loosening and the use of special hook type ferrules providing pull-out proof termination.



Approved by numerous national electricity providers in EU,Africa and Asia since many years.
Comply with IEC and BS TS5018 standards.

CE RoHS ISO 9001 ISO 14001

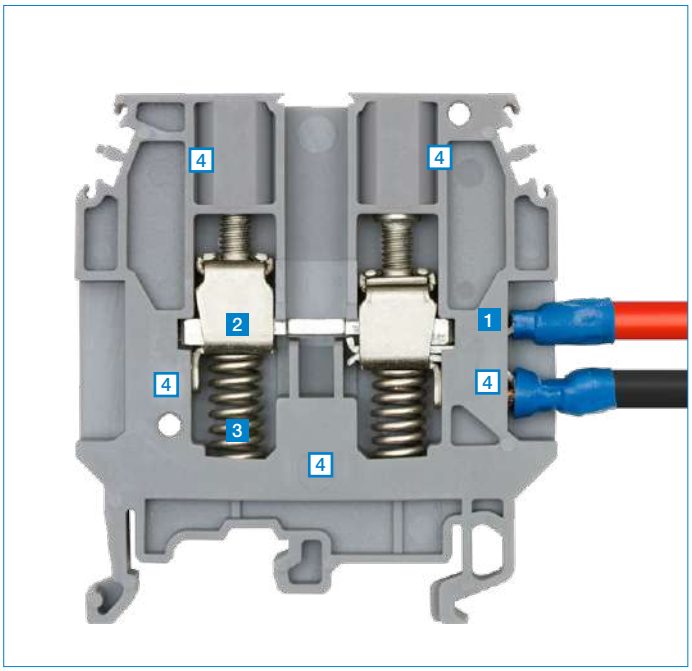
The ultimate protection against unwanted opened circuits

Safety first!
Connection of up to **two hook type ferrules** onto screw clamp & conducting bar provide "**pull-out proof**" cable terminations.

Circuit continuity ensured
Reinforcement spring beneath the clamp maintains **permanent** contact pressure even if screw clamp is loose ensuring **long term security** of cable connections and electrical circuits.

Robust designed
Springs firmly positioned in **deep recesses** and cannot be easily removed or ejected.

Multiple plastic "ribs" compensate spring pressure and **avoid bending effect on body** leading to a **robust** terminal block body construction.



1 Hook shaped lugs locked in clamp
2 Permanent contact pressure
3 Deep recesses spring position
4 Multiple reinforcements

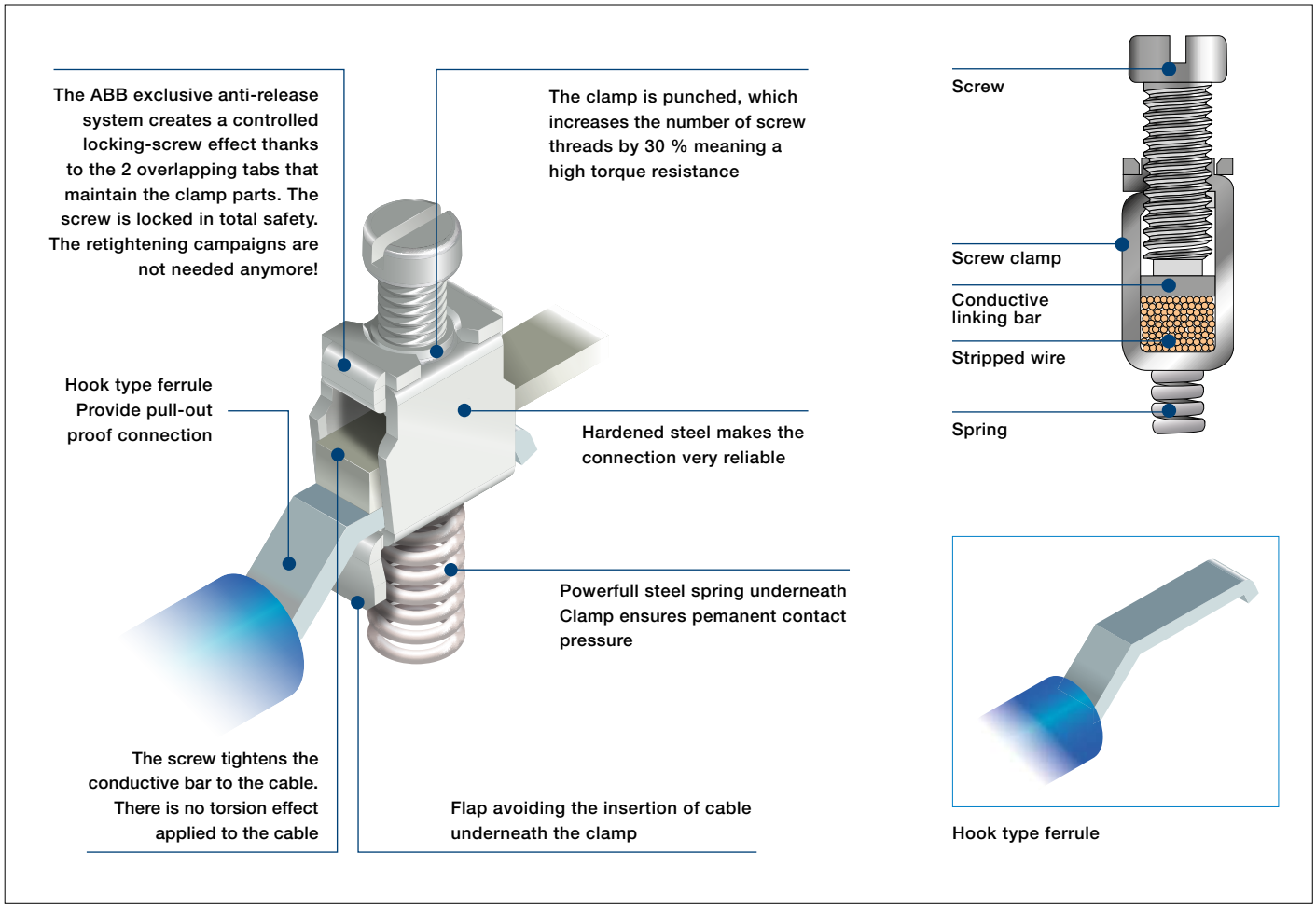
1SNC161122S0201

ABB spring loaded screw clamp technology
The safety connection for demanding working conditions

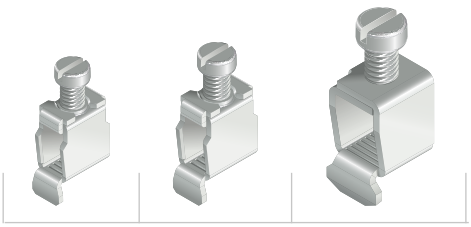
Exclusive design provide robustness and connection safety
The ABB screw clamp spring loaded terminal is designed to guarranty electrical continuity even when screw are loosened unintentionally.
It features all the benefits of our screw clamp with additional vibration,shock resistant and maintenance free performances.

High density wiring
The screw clamp spring loaded terminal can fit up to two conductors equipped with bent ferrules per clamp.

Features



From 0.22 mm² up to 10 mm²
From 24 AWG up to 6 AWG



1SNC161123S0201

Solution series, terminal blocks
Spring loaded screw clamp technology









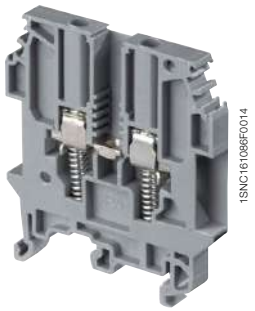
Section		Feed-through	Disconnect with blade	Disconnect with push-turn knob	Disconnect with screwdriver sliding link
IEC	*UL/CSA*				
4 mm²	*12 AWG*	**M4/6.RS** 6 mm *0.236 in*	**M4/6.SNTS** 6 mm *0.236 in*		
6 mm²	*12 AWG*	**M6/8.RS** 8 mm *0.315 in*		**M6/8.STP.RS** 8 mm *0.315 in*	**D6/8.ST.RS** 8 mm *0.315 in*
10 mm²	*6 AWG*	**M10/10.RS** 10 mm *0.394 in*			

All the technical data for UL/CSA standard and dimensions in inches are in italic.

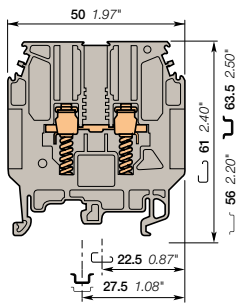
1SNC160059S0201

M4/6.RS spring loaded screw clamp terminal blocks
Feed-through - 6 mm *0.236 in* spacing





M4/6.RS



6 mm *0.236 in* spacing

Description
- Mainly dedicated to energy applications based on BS TS5018 standard ,
- Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	M4/6.RS	1SNA115930R1300	50	11.00
	Blue	M4/6.N.RS	1SNA125930R1500	50	11.00

Main technical data

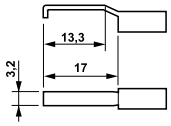
		IEC	BS *TS 5018*	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-1.65 mm²*	
	Gauge	A3		
Rated current / Rated cross section		32 A / 4 mm²	*25 A*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		1000 V	*500 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R

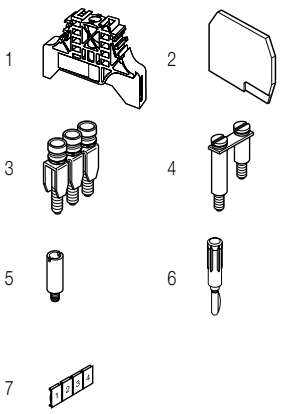
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.51 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	End stops	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	End sections	2.8 mm	*0.110 in*	Grey	FEMR8	1SNA116987R0200	10	3.00
3	Jumper bars	2 poles	32 A		BJMI6-2	1SNA176663R0000	10	4.40
		3 poles			BJMI6-3	1SNA176664R0100	10	6.70
		4 poles			BJMI6-4	1SNA176665R0200	10	8.90
		5 poles			BJMI6-5	1SNA176666R0300	10	11.20
		10 poles			BJMI6-10	1SNA176667R0400	10	22.40
4	Cross spacing jumpers	Universal screw jumper bar kit N°IV			BJDP4	1SNA174781R2500	10	5.00
5	Test sockets	DIA 2 mm *0.079 in*			AL2	1SNA163043R2100	50	0.90
6	Test plugs	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600	100	
7	Terminal block markers	Blank card		White	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

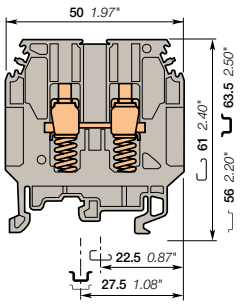
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M6/8.RS spring loaded screw clamp terminal blocks
Feed-through - 8 mm *0.315 in* spacing

	6 mm²
	12 AWG



M6/8.RS



8 mm *0.315 in* spacing

Description

– Mainly dedicated to energy applications based on BS TS5018 standard,
– Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	M6/8.RS	1SNA115685R1200		50	17.00

Main technical data

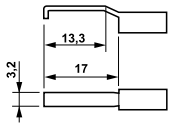
		IEC	*BS TS 5018*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		*20-12 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-2.5 mm²*	
	Gauge	A5		
Rated current / Rated cross section		41 A / 6 mm²	*25 A*	*25 A / 12 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		800 V	*500 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.51 in*
Tool		Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*

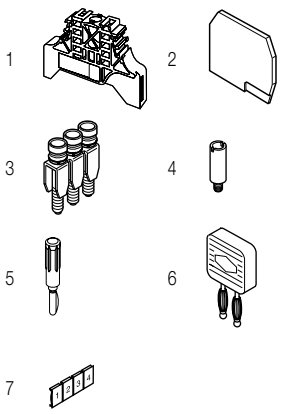
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS cCSAus Gost R



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey ☐	FEMR8	1SNA116987R0200		10	3.00
3	**Jumper bars**	2 poles	41 A		BJMI8-2	1SNA176669R1600		10	4.50
		3 poles			BJMI8-3	1SNA176670R1300		10	6.00
		4 poles			BJMI8-4	1SNA176671R0000		10	10.00
		5 poles			BJMI8-5	1SNA176672R0100		10	12.22
		10 poles			BJMI8-10	1SNA176673R0200		10	20.00
4	**Test sockets**	DIA 4 mm	*0.157 in*		AL4-M3-R1	1SNA206722R0200		50	1.62
5	**Test plugs**	DIA 4 mm	*0.157 in*	White ☐	FC4	1SNA167860R0100		10	10.00
6	**Short circuit plugs**	DIA 4 mm	*0.157 in*		BP8.A4	1SNA173888R2000		10	
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

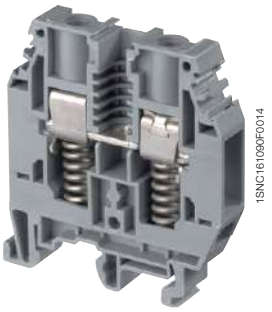
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

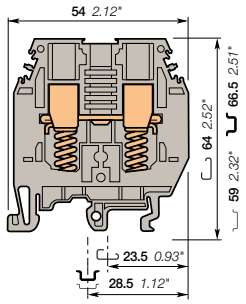
1SNC161152S0201 - Rev. A

M10/10.RS spring loaded screw clamp terminal blocks
Feed-through - 10 mm *0.394 in* spacing





M10/10.RS



10 mm *0.394 in* spacing

Description

– Mainly dedicated to energy applications based on BS TS5018 standard,
– Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	M10/10.RS	1SNA115320R2700		25	30.00

Main technical data

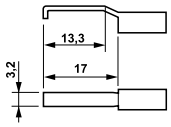
		IEC	*BS TS 5018*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²		*20-6 AWG*
	Flexible	0.5-10 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-6 mm²*	
	Gauge	A5		
Rated current / Rated cross section		41 A / 10 mm²	40 A	65 A / *6 AWG*
Rated short-time withstand current (1s)		1200 A		
Rated voltage		800 V	*500 V*	*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS cCSAus Gost R

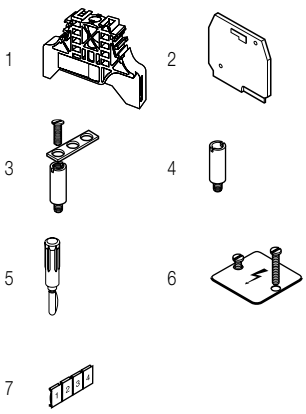
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		14 mm *0.55 in*
Tool		Flat screwdriver Ø 5.5 - 6 mm *Ø 0.217 - 0.236 in*
Torque		1.2 - 1.4 Nm *10.6 - 12.3 lb.in*



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEMR10	1SNA114434R0500		10	3.30
3	**Jumper bars**	2 poles	57 A		BJS10	1SNA164585R1700		10	17.00
		3 poles				1SNA164586R1000		10	17.00
		4 poles				1SNA164587R1100		10	17.00
		5 poles				1SNA168273R1100		10	17.00
		10 poles				1SNA164588R2200		10	17.00
		20 poles			BJS10-20	1SNA177654R0000		10	17.00
4	**Test sockets**	DIA 4 mm	*0.157 in*		AL4-M4	1SNA206723R0300		50	1.30
5	**Test plugs**	DIA 4 mm	*0.157 in*	White ☐	FC4	1SNA167860R0100		10	10.00
6	**Protecting covers**	For isolated interconnection			PT101	1SNA163181R1100		50	
7	**Terminal block markers**	Blank card		White ☐	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

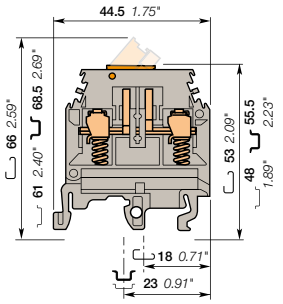
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.SNTS spring loaded screw clamp terminal blocks
Disconnect with blade - with test socket - 6 mm *0.236 in* spacing





M4/6.SNTS



6 mm *0.236 in* spacing

Description

– Mainly dedicated to energy markets for security purposes on CT circuits,
– Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With test socket DIA 2 mm 0.079 in	Grey ☐	M4/6.SNTS	1SNA115229R2000		50	11.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*22-10 AWG*	*24-10 AWG*
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		10 A / 4 mm²	*10 A / 10 AWG*	*15 A / 10 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*300 V*	*600 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

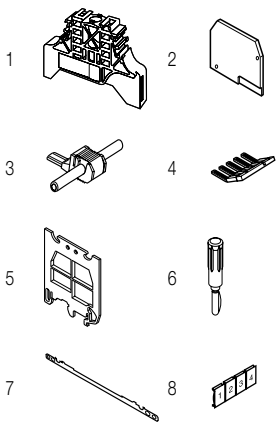
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR cCSAus Gost R

Accessories



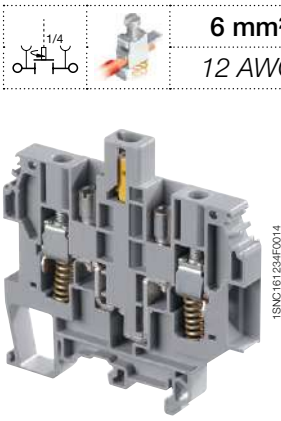
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey ☐	FEM6	1SNA118368R1600		20	2.40
3	**Jumper bars**	1 poles	24 A	Grey ☐	AD2.5	1SNA114205R2000		50	1.60
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Circuit separators**	3 mm	*0.118 in*	Grey ☐	SCFM6	1SNA114825R0500		20	4.00
					SCF6	1SNA118707R0300		20	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2	1SNA007865R2600		100	
7	**Shield connectors**				CBM5	1SNA178745R1400		50	
8	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

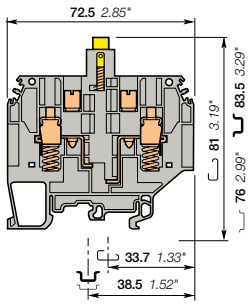
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161138S0201 - Rev. A

M6/8.STP.RS spring loaded screw clamp terminal blocks
Disconnect with push-turn knob - with test socket
8 mm *0.315 in* spacing



M6/8.STP.RS



8 mm *0.315 in* spacing

6 mm²
12 AWG

Description

– Mainly dedicated to energy markets for security purposes on CT circuits,
– Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 4 mm 0.157 in	Grey, yellow	M6/8.STP.RS	1SNA115678R0200		25	29.00

Main technical data

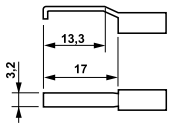
		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		*20-12 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-2.5 mm²*	
	Gauge	A5		
Rated current / Rated cross section		24 A / 6 mm²	*25 A*	*25 A / 12 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		500 V	*500 V*	*600 V*
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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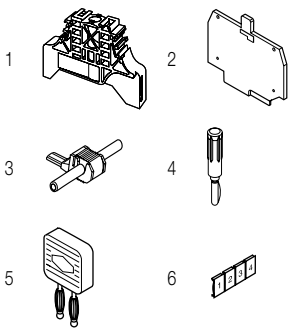
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Tool		Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey	FEMR8T	1SNA116991R0600		10	4.70
3	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000		50	1.60
4	**Test plugs**	DIA 4 mm	*0.157 in*	White	FC4	1SNA167860R0100		10	10.00
5	**Short circuit plugs**	DIA 4 mm	*0.157 in*		BP8.A4	1SNA173888R2000		10	
				Red	BNSTP2	1SNA196789R2400		20	10.00
		With test DIA 4 mm	*0.16 in*	Beige	BNSTP1	1SNA196792R1700		20	14.00
6	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

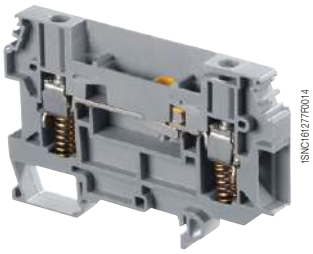
D6/8.ST.RS spring loaded screw clamp terminal blocks
Test disconnect with a screwdriver sliding link - 8 mm *0.315 in* spacing



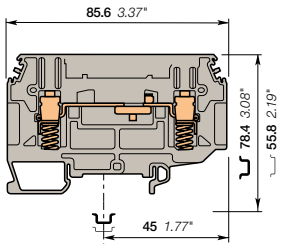
6 mm²

Description

– Mainly dedicated to energy markets for security purposes on CT circuits,
– Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.



D6/8.ST.RS



8 mm *0.315 in* spacing

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey	D6/8.ST.RS	1SNA115914R0700	32	28.00

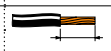
Main technical data

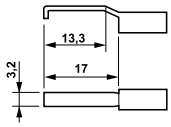
		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-2.5 mm²*	
	Gauge	A5		
Rated current / Rated cross section		24 A / 6 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS Gost R

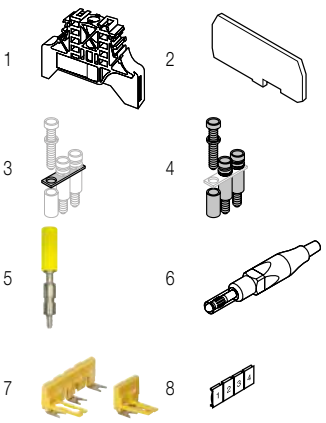
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		16 mm *0.51 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	End stops	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
			0.354 in		BADL	1SNA399903R0200	50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey	FEM8T6	1SNA215266R0100	10	4.40
3	**Jumper bars**	2 poles	41 A		BJS8	1SNA164581R1300	10	3.10
		3 poles				1SNA164582R1400	10	3.10
		4 poles				1SNA164583R1500	10	3.10
		20 poles			BJS8-20	1SNA174789R0500	5	3.20
4	**Fastening kits**	Sub assembly post + screw + washer			EV6I	1SNA206394R0200	20	2.00
5	**Test sockets**	DIA 4 mm *0.157 in* IP20		Yellow	AJS9	1SNA179726R0200	25	3.60
				Black	AJS9-1	1SNA206680R1500	25	3.60
				Green	AJS9-2	1SNA206681R0200	25	3.60
				Grey	AJS9-3	1SNA206682R0300	25	3.60
				Blue	AJS9-4	1SNA206683R0400	25	3.60
				Red	AJS9-5	1SNA206720R1400	25	3.60
		DIA 4 mm *0.157 in*			AL4-M3	1SNA206721R0100	50	1.10
6	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red	FC4-1	1SNA167927R1000	10	11.00
7	**Short circuit bridges**	2 poles		Yellow	SC-JB8-2	1SNK900652R0000	25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000	25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000	25	4.70
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

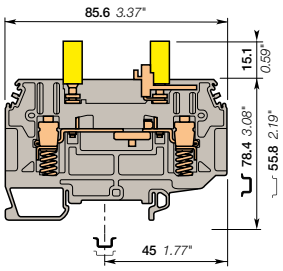
1SNC161153S0201_dupli - Rev. A

D6/8.ST.RS spring loaded screw clamp terminal blocks
Test disconnect with a screwdriver sliding link - 8 mm *0.315 in* spacing





D6/8.ST.RS



8 mm *0.315 in* spacing

Description

– Mainly dedicated to energy markets for security purposes on CT circuits,
– Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 yellow test sockets DIA 4 mm 0.157 in	Grey ☐	D6/8.ST1.RS.IP20	1SNA115831R0400		32	38.00

Main technical data

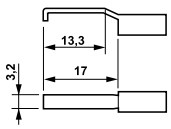
		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-2.5 mm²*	
	Gauge	A5		
Rated current / Rated cross section		24 A / 6 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		16 mm *0.51 in*
Screw clamp		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*
Disconnect device		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*
Test socket		
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m *5.34 lb.in*

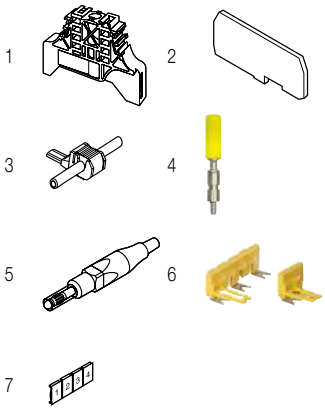
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Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM8T6	1SNA215266R0100		10	4.40
3	**Jumper bars**	1 poles	24 A	Grey ☐	AD2.5	1SNA114205R2000		50	1.60
4	**Test sockets**	DIA 4 mm *0.157 in* IP20		Black ■	AJS9-1	1SNA206680R1500		25	3.60
				Green ■	AJS9-2	1SNA206681R0200		25	3.60
				Grey ☐	AJS9-3	1SNA206682R0300		25	3.60
				Blue ☐	AJS9-4	1SNA206683R0400		25	3.60
				Red ■	AJS9-5	1SNA206720R1400		25	3.60
5	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red ■	FC4-1	1SNA167927R1000		10	11.00
6	**Short circuit bridges**	2 poles		Yellow ☐	SC-JB8-2	1SNK900652R0000		25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000		25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000		25	4.70
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

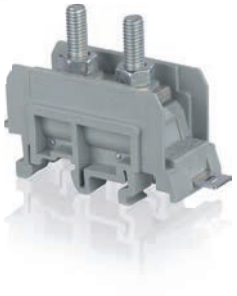
All the technical data for UL/CSA standard and dimensions in inches are in italic.
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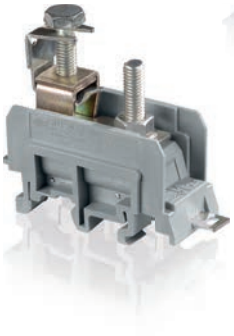
1SNC161095S0201_dupli - Rev. A

1SNC165030S0201

Solution series, terminal blocks
Stud technology







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Overview 75

One stud

Feed-through

25 mm² / *2 AWG* **M35/26.F** 76
50 mm² / *00 AWG* **M70/31.F** 77
70 mm² / *000 AWG-250 Kcmil* **M120/35.F** 78
120 mm² / *500 Kcmil* **M300/42.F** 79

Two studs

Feed-through

25 mm² / *2 AWG* **M35/26.FF** 80
50 mm² / *00 AWG* **M70/31.FF** 81
70 mm² / *000 AWG-250 Kcmil* **M120/35.FF** 82
120 mm² / *500 Kcmil* **M300/42.FF** 83

One stud - One wire-clamp

Feed-through

25 mm² / *2 AWG* **M35/26.AF** 84
50 mm² / *0 AWG* **M70/31.AF** 85
70 mm² / *000 AWG-250 Kcmil* **M120/35.AF** 86
120 mm² / *500 Kcmil* **M300/42.AF** 87

Mounting instructions 88

1SNC165030S0201

ABB Stud technology
The connection for power and energy circuits

Reliability first

Stud technology is designed to ensure a reliable connection thanks to the combination of:

– Vibration resistant equipements (nuts, washers),
– Lugs crimped on the cable provide pull-out proof termination.

This technology is very popular on the American market and particularely in the energy applications.

Available configurations



One stud



Two studs



One wire clamp / one stud

Connection technics







Up to 300 mm² / *1000 Kcmil*



M4-M5	M6	M8	M10	M12	M16
6 mm²	**35 mm²**	**70 mm²**	**120 mm²**	**185 mm²**	**300 mm²**
8 AWG	*1 AWG*	*000 AWG*	*300 Kcmil*	*500 Kcmil*	*1000 Kcmil*

1SNC165028S0201

Solution series, terminal blocks
Stud technology

One stud



Feed-through

Section

IEC	*UL/CSA*		
25 mm²	*2 AWG*	**M35/26.F**	26 mm *1.024 in*
50 mm²	*00 AWG*	**M70/31.F**	31 mm *1.220 in*
70 mm²	*000 AWG-250 Kcmil*	**M120/35.F**	35 mm *1.380 in*
120 mm²	*500 Kcmil*	**M300/42.F**	42 mm *1.653 in*

Two studs



Feed-through

Section

IEC	*UL/CSA*		
25 mm²	*2 AWG*	**M35/26.FF**	26 mm *1.024 in*
50 mm²	*00 AWG*	**M70/31.FF**	31 mm *1.220 in*
70 mm²	*000 AWG-250 Kcmil*	**M120/35.FF**	35 mm *1.380 in*
120 mm²	*500 Kcmil*	**M300/42.FF**	42 mm *1.653 in*

One stud - One wire-clamp



Feed-through

Section

IEC	*UL/CSA*		
25 mm²	*2 AWG*	**M35/26.AF**	26 mm *1.024 in*
50 mm²	*0 AWG*	**M70/31.AF**	31 mm *1.220 in*
70 mm²	*000 AWG-250 Kcmil*	**M120/35.AF**	35 mm *1.380 in*
120 mm²	*500 Kcmil*	**M300/42.AF**	42 mm *1.653 in*

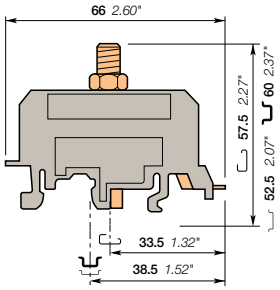
1SNC165029S0201

M35/26.F stud terminal blocks
Feed-through - 26 mm *1.024 in* spacing





M35/26.F



26 mm *1.024 in* spacing

Description
- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M6	Grey ☐	M35/26.F	1SNA115141R1000		10	40.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	4-35 mm²	2.5-50 mm²	*10-2 AWG*	*max 4 AWG*
	Flexible	4-25 mm²	2.5-25 mm²		
	Gauge	C3			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

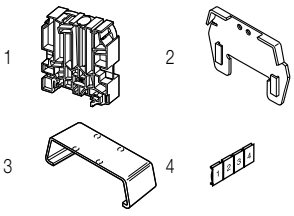
	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	101 A	125 A	*115 A*	*125 A*
Rated cross section	25 mm²	35 mm²	*2 AWG*	*4 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H10 mm
Torque		4.5 N.m *39 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS · USR · CSA · Gost R



Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP26	1SNA113689R2400		10	6.40
3	**Protecting covers**	marked cut: 1 block	Transparent ☐	CPP261	1SNA168202R1300		5	5.00
		marked cut: 2 blocks		CPP262	1SNA168201R1200		5	10.00
		marked cut: 3 blocks		CPP263	1SNA163403R2000		5	17.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

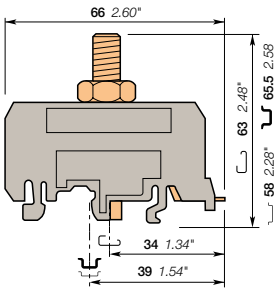
1SNC165015S0201 - Rev. A

M70/31.F stud terminal blocks
Feed-through - 31 mm *1.220 in* spacing





M70/31.F



31 mm *1.220 in* spacing

Description
- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M8	Grey ☐	M70/31.F	1SNA115144R1300		10	60.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6-70 mm²	2.5-70 mm²	*4-00 AWG*	*max 0 AWG*
	Flexible	6-50 mm²	2.5-50 mm²		
	Gauge	C5			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

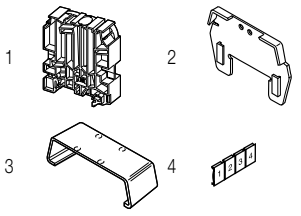
	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	150 A	150 A	*175 A*	*200 A*
Rated cross section	50 mm²	50 mm²	*00 AWG*	*0 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP31	1SNA113690R2100		10	6.70
3	**Protecting covers**	marked cut: 1 block	Transparent ☑	CPP311	1SNA168204R1500		5	7.00
		marked cut: 2 blocks		CPP312	1SNA168203R1400		5	14.00
		marked cut: 3 blocks		CPP313	1SNA163409R0600		5	23.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M120/35.F stud terminal blocks
Feed-through - 35 mm *1.380 in* spacing

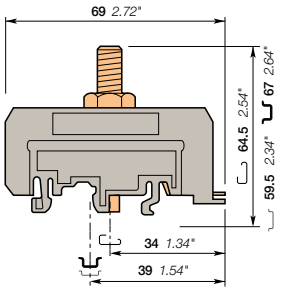


70 mm²
250 Kcmil



1SNC165017F0014

M120/35.F



35 mm *1.380 in* spacing

Description
- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M8	Grey ☐	M120/35.F	1SNA115147R1600		10	61.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6-95 mm²	2.5-70 mm²	*2-250 Kcmil*	*max 000 AWG*
	Flexible	6-70 mm²	2.5-70 mm²		
	Gauge	C6			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

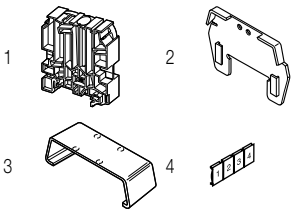
	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	192 A	150 A	*255 A*	*270 A*
Rated cross section	70 mm²	50 mm²	*250 Kcmil*	*000 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP35	1SNA113691R1600		10	10.00
3	**Protecting covers**	marked cut: 1 block	Transparent ☐	CPP351	1SNA168206R1700		5	8.00
		marked cut: 2 blocks		CPP352	1SNA168205R1600		5	20.00
		marked cut: 3 blocks		CPP353	1SNA163418R2600		5	20.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

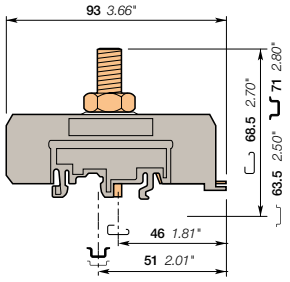
1SNC165017S0201 - Rev. A

M300/42.F stud terminal blocks
Feed-through - 42 mm *1.653 in* spacing





M300/42.F



42 mm *1.653 in* spacing

Description
- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M10	Grey ☐	M300/42.F	1SNA115150R2500		10	100.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	50-150 mm²	6-150 mm²	*0-500 Kcmil*	*max 500 Kcmil*
	Flexible	50-120 mm²	6-120 mm²		
	Gauge	C8			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

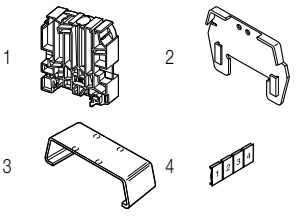
	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	269 A	269 A	*230 A*	*550 A*
Rated cross section	120 mm²	120 mm²	*500 Kcmil*	*500 Kcmil*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H16 mm
Torque		10 N.m *87 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP42	1SNA113692R1700		10	20.00
3	**Protecting covers**	marked cut: 1 block	Transparent ☐	CPP421	1SNA168208R2100		5	13.00
		marked cut: 2 blocks		CPP422	1SNA168207R1000		5	30.00
		marked cut: 3 blocks		CPP423	1SNA163424R1400		5	40.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

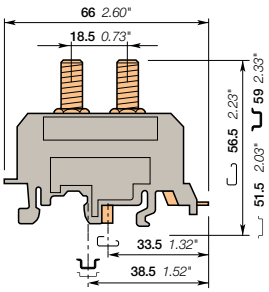
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M35/26.FF stud terminal blocks
Feed-through - 26 mm *1.024 in* spacing





M35/26.FF



26 mm *1.024 in* spacing

Description
- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 studs M6 linked by 1 removable bar 16 x 4 mm	Grey ☐	M35/26.FF	1SNA115140R2300		10	64.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	4-35 mm²	2.5-50 mm²	*10-2 AWG*	*max 4 AWG*
	Flexible	4-25 mm²	2.5-25 mm²		
	Gauge	C3			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

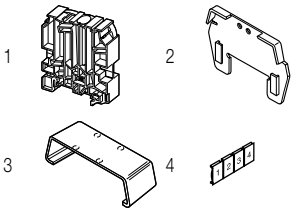
	IEC	DIN	*UL*	*CSA*
Bar	16 x 4 mm *0.63 x 0.16 in*			
Rated current	101 A	125 A	*115 A*	*125 A*
Rated cross section	25 mm²	35 mm²	*2 AWG*	*4 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H10 mm
Torque		4.5 N.m *39 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

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Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP26	1SNA113689R2400		10	6.40
3	**Protecting covers**	marked cut: 1 block	Transparent ☐	CPP261	1SNA168202R1300		5	5.00
		marked cut: 2 blocks		CPP262	1SNA168201R1200		5	10.00
		marked cut: 3 blocks		CPP263	1SNA163403R2000		5	17.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

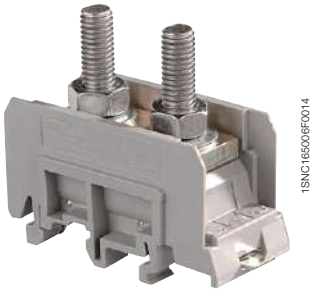
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

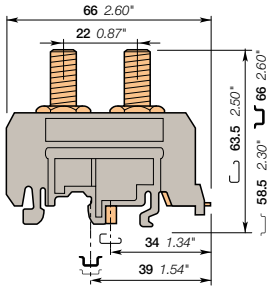
1SNC165019S0201 - Rev. A

M70/31.FF stud terminal blocks
Feed-through - 31 mm *1.220 in* spacing





M70/31.FF



31 mm *1.220 in* spacing

Description
- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 studs M8 linked by 1 removable bar 20 x 5 mm	Grey ☐	M70/31.FF	1SNA115143R1200		10	110.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6-70 mm²	2.5-70 mm²	*4-00 AWG*	*max 0 AWG*
	Flexible	6-50 mm²	2.5-50 mm²		
	Gauge	C5			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar	20 x 5 mm	*0.78 x 0.20 in*		
Rated current	150 A	178 A	*175 A*	*200 A*
Rated cross section	50 mm²	50 mm²	*00 AWG*	*0 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

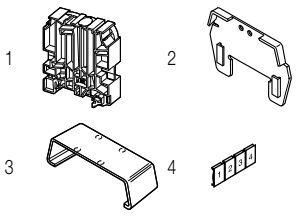
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm	*0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm	*0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators		Grey ☐	ECP31	1SNA113690R2100		10	6.70
3	**Protecting covers**	marked cut: 1 block		Transparent ☐	CPP311	1SNA168204R1500		5	7.00
		marked cut: 2 blocks			CPP312	1SNA168203R1400		5	14.00
		marked cut: 3 blocks			CPP313	1SNA163409R0600		5	23.00
4	**Terminal block markers**	Label holder		Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
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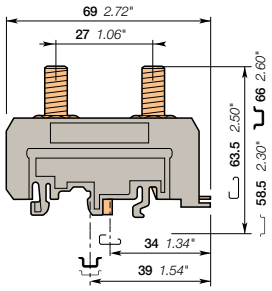
M120/35.FF stud terminal blocks
Feed-through - 35 mm *1.380 in* spacing



70 mm²
250 Kcmil



M120/35.FF



35 mm *1.380 in* spacing

Description
- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 studs M8 linked by 1 removable bar 25 x 5 mm	Grey ☐	M120/35.FF	1SNA115146R1500		10	130.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6-95 mm²	2.5-70 mm²	*2-250 kcmil*	*max 000 AWG*
	Flexible	6-70 mm²	2.5-70 mm²		
	Gauge	C6			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar	25 x 5 mm	*1 x 0.20 in*		
Rated current	192 A	220 A	*255 A*	*270 A*
Rated cross section	70 mm²	70 mm²	*250 Kcmil*	*000 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

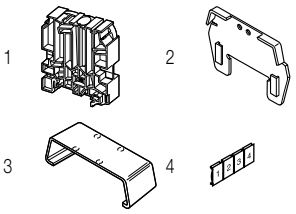
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	End stops	*0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
			0.472 in		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators		Grey ☐	ECP35	1SNA113691R1600		10	10.00
3	**Protecting covers**	marked cut: 1 block		Transparent ☐	CPP351	1SNA168206R1700		5	8.00
		marked cut: 2 blocks			CPP352	1SNA168205R1600		5	20.00
		marked cut: 3 blocks			CPP353	1SNA163418R2600		5	20.00
4	**Terminal block markers**	Label holder		Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
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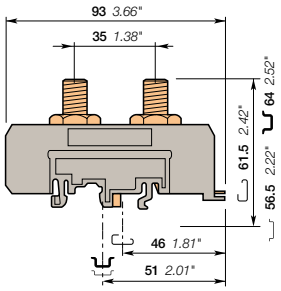
1SNC165021S0201 - Rev. A

M300/42.FF stud terminal blocks
Feed-through - 42 mm *1.653 in* spacing





M300/42.FF



42 mm *1.653 in* spacing

Description
- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 studs M10 linked by 1 removable bar 32 x 8 mm	Grey ☐	M300/42.FF	1SNA115149R2000		10	220.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	50-150 mm²	6-150 mm²	*0-500 kcmil*	*max 500 Kcmil*
	Flexible	50-120 mm²	6-120 mm²		
	Gauge	C8			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded				
	Flexible				
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar	32 x 8 mm *1.26 x 0.32 in*			
Rated current	269 A	265 A	*230 A*	*550 A*
Rated cross section	120 mm²	120 mm²	*500 Kcmil*	*500 Kcmil*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

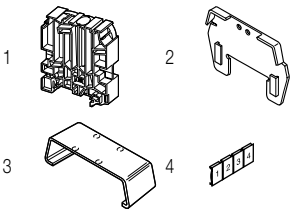
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H16 mm
Torque		10 N.m *87 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm	*0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm	*0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators		Grey ☐	ECP42	1SNA113692R1700		10	20.00
3	**Protecting covers**	marked cut: 1 block		Transparent ☑	CPP421	1SNA168208R2100		5	13.00
		marked cut: 2 blocks			CPP422	1SNA168207R1000		5	30.00
		marked cut: 3 blocks			CPP423	1SNA163424R1400		5	40.00
4	**Terminal block markers**	Label holder		Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

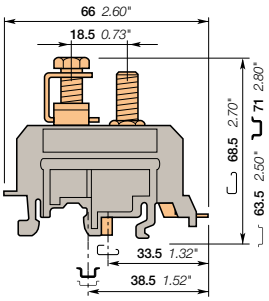
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M35/26.AF stud terminal blocks
Feed-through - 26 mm *1.024 in* spacing





M35/26.AF



26 mm *1.024 in* spacing

Description
- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M6 + 1 wire-clamp	Grey ☐	M35/26.AF	1SNA115139R1600		10	60.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	4-35 mm²	2.5-50 mm²	*10-2 AWG*	*10-4 AWG*
	Flexible	4-25 mm²	2.5-25 mm²		
	Gauge	C3			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded	6-50 mm²	6-50 mm²	*14-2 AWG*	*10-4 AWG*
	Flexible	6-25 mm²			
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	101 A	115 A	*115 A*	*125 A*
Rated cross section	25 mm²	25 mm²	*2 AWG*	*4 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

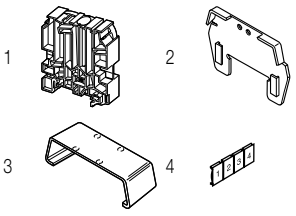
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H10 mm
Torque		4.5 N.m *39 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		Wrench H10 mm
Torque		4.5 N.m *39 lb.in*
Wire stripping length		19 mm *0.748 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS · USR · CSA · Gost R

Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP26	1SNA113689R2400		10	6.40
3	**Protecting covers**	marked cut: 1 block	Transparent ☐	CPP261	1SNA168202R1300		5	5.00
		marked cut: 2 blocks		CPP262	1SNA168201R1200		5	10.00
		marked cut: 3 blocks		CPP263	1SNA163403R2000		5	17.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

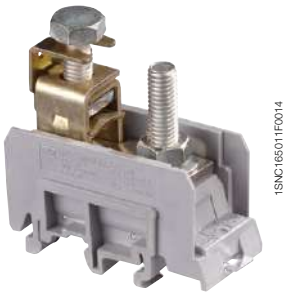
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

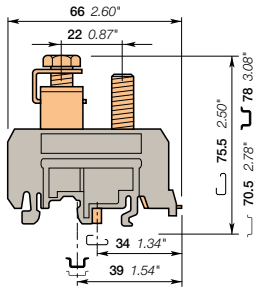
1SNC165023S0201 - Rev. A

M70/31.AF stud terminal blocks
Feed-through - 31 mm *1.220 in* spacing





M70/31.AF



31 mm *1.220 in* spacing

Description
- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M8 + 1 wire-clamp	Grey ☐	M70/31.AF	1SNA115142R1100		10	110.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6-70 mm²	2.5-70 mm²	*8-0 AWG*	*6-0 AWG*
	Flexible	6-50 mm²	2.5-50 mm²		
	Gauge	C5			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded	6-70 mm²	6-70 mm²	*8-0 AWG*	*6-0 AWG*
	Flexible	6-50 mm²			
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	150 A	178 A	*150 A*	*200 A*
Rated cross section	50 mm²	50 mm²	*0 AWG*	*0 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

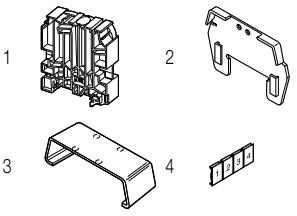
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Wire stripping length		22 mm *0.866 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP31	1SNA113690R2100		10	6.70
3	**Protecting covers**	marked cut: 1 block	Transparent ☑	CPP311	1SNA168204R1500		5	7.00
		marked cut: 2 blocks		CPP312	1SNA168203R1400		5	14.00
		marked cut: 3 blocks		CPP313	1SNA163409R0600		5	23.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M120/35.AF stud terminal blocks
Feed-through - 35 mm *1.380 in* spacing

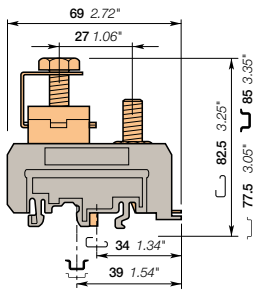


70 mm²
250 Kcmil



1SNC165013F0014

M120/35.AF



35 mm *1.380 in* spacing

Description
- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M8 + 1 wire-clamp	Grey ☐	M120/35.AF	1SNA115145R1400		10	160.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6-95 mm²	2.5-70 mm²	*2-250 Kcmil*	*max 000 AWG*
	Flexible	6-70 mm²	2.5-70 mm²		
	Gauge	C6			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded	35-120 mm²	35-120 mm²	*2-250 Kcmil*	*2-000 AWG*
	Flexible	35-70 mm²	35-70 mm²		
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	192 A	150 A	*255 A*	*270 A*
Rated cross section	70 mm²	50 mm²	*250 Kcmil*	*000 AWG*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

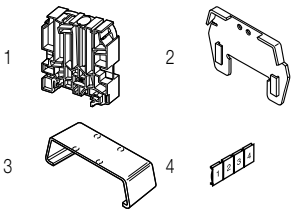
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Tool		
Torque		
Screw clamp Tool		Wrench H13 mm
Torque		6 N.m *52 lb.in*
Wire stripping length		28 mm *1.102 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP35	1SNA113691R1600		10	10.00
3	**Protecting covers**	marked cut: 1 block	Transparent ☐	CPP351	1SNA168206R1700		5	8.00
		marked cut: 2 blocks		CPP352	1SNA168205R1600		5	20.00
		marked cut: 3 blocks		CPP353	1SNA163418R2600		5	20.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Terminal block markers	White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC165025S0201 - Rev. A

M300/42.AF stud terminal blocks
Feed-through - 42 mm *1.653 in* spacing

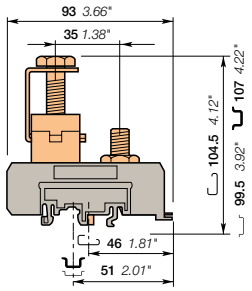


120 mm²
500 Kcmil



1SNC165013F0014

M300/42.AF



42 mm *1.653 in* spacing

Description
- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 stud M10 + 1 wire-clamp	Grey ☐	M300/42.AF	1SNA115148R2700		10	340.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	50-150 mm²	6-150 mm²	*0-500 Kcmil*	*0-500 Kcmil*
	Flexible	50-120 mm²	6-120 mm²		
	Gauge	C8			

		IEC	DIN	*UL*	*CSA*
Screw clamp	Rigid - Solid / Stranded	70-300 mm²	70-300 mm²	*0-500 Kcmil*	*0-500 Kcmil*
	Flexible	70-120 mm²	70-120 mm²		
	Gauge				

	IEC	DIN	*UL*	*CSA*
Bar				
Rated current	269 A	269 A	*380 A*	*550 A*
Rated cross section	120 mm²	120 mm²	*500 Kcmil*	*500 Kcmil*
Rated voltage	1000 V		*600 V*	*600 V*
Impulse withstand voltage	8000 V			

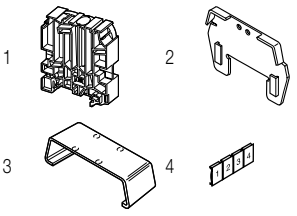
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H16 mm
Torque		10 N.m *87 lb.in*
Jumper screw Tool		
Torque		
Screw clamp Tool		Wrench H16 mm
Torque		10 N.m *87 lb.in*
Wire stripping length		40 mm *1.575 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS · USR · CSA · Gost R

Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm *0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
		12 mm *0.472 in*		BADH	1SNA116900R2700		50	20.00
2	**Circuit separators**	Circuit separators	Grey ☐	ECP42	1SNA113692R1700		10	20.00
3	**Protecting covers**	marked cut: 1 block	Transparent ☑	CPP421	1SNA168208R2100		5	13.00
		marked cut: 2 blocks		CPP422	1SNA168207R1000		5	30.00
		marked cut: 3 blocks		CPP423	1SNA163424R1400		5	40.00
4	**Terminal block markers**	Label holder	Grey ☐	PEP	1SNA113762R2400		50	0.46
		Blank card	White ☐	RC610	1SNA233000R0100		1	7.50

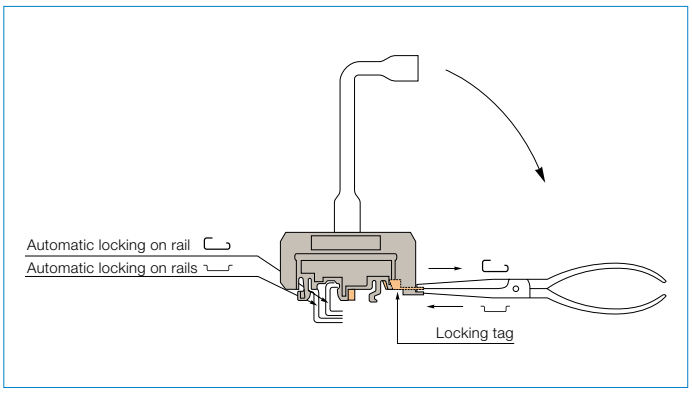
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ABB's "positive retention" lock foot
Mounting instructions

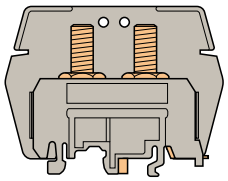
Mounting
The locking action is automatic on mounting the block on the rail.

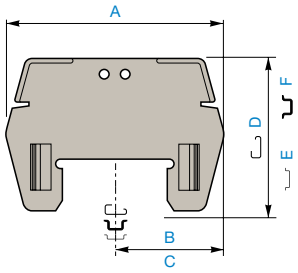
Unlocking
- Pull or push on the locking tag, using pliers as follows
- Blocks mounted on DIN 1 rail: pull on the release tag
- Blocks mounted on DIN 3 rails: push on the release tag
- Remove the block from the rail by rotation, using a tube wrench while maintaining the action of the pliers.



Space requirements of blocks with their partition or protective cover
Partition for TYPE I blocks

Type	Order code	Spacing	A	B	C	D	E	F
			Dimensions mm					
ECP26	1SNA113689R2400	26	76	35.5	40.5	67.5	62.5	70
ECP31	1SNA113690R2100	31	84	39.5	44.5	72.5	67.5	75
ECP35	1SNA113691R1600	35	90	42.5	47.5	82.5	77.5	85
ECP42	1SNA113692R1700	42	116	55.5	60.5	104.5	99.5	107





Marker-holder for power blocks
This marker-holder snaps on the ECP and ECS power blocks partitions, as well as on the type I power blocks compression clamps.

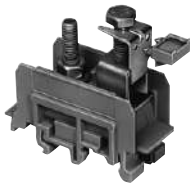
They can also be mounted on the SCF separator end sections.

Type	Order code
PEP	1SNA113762R2400

This marker-holder can receive:
1 label RC610



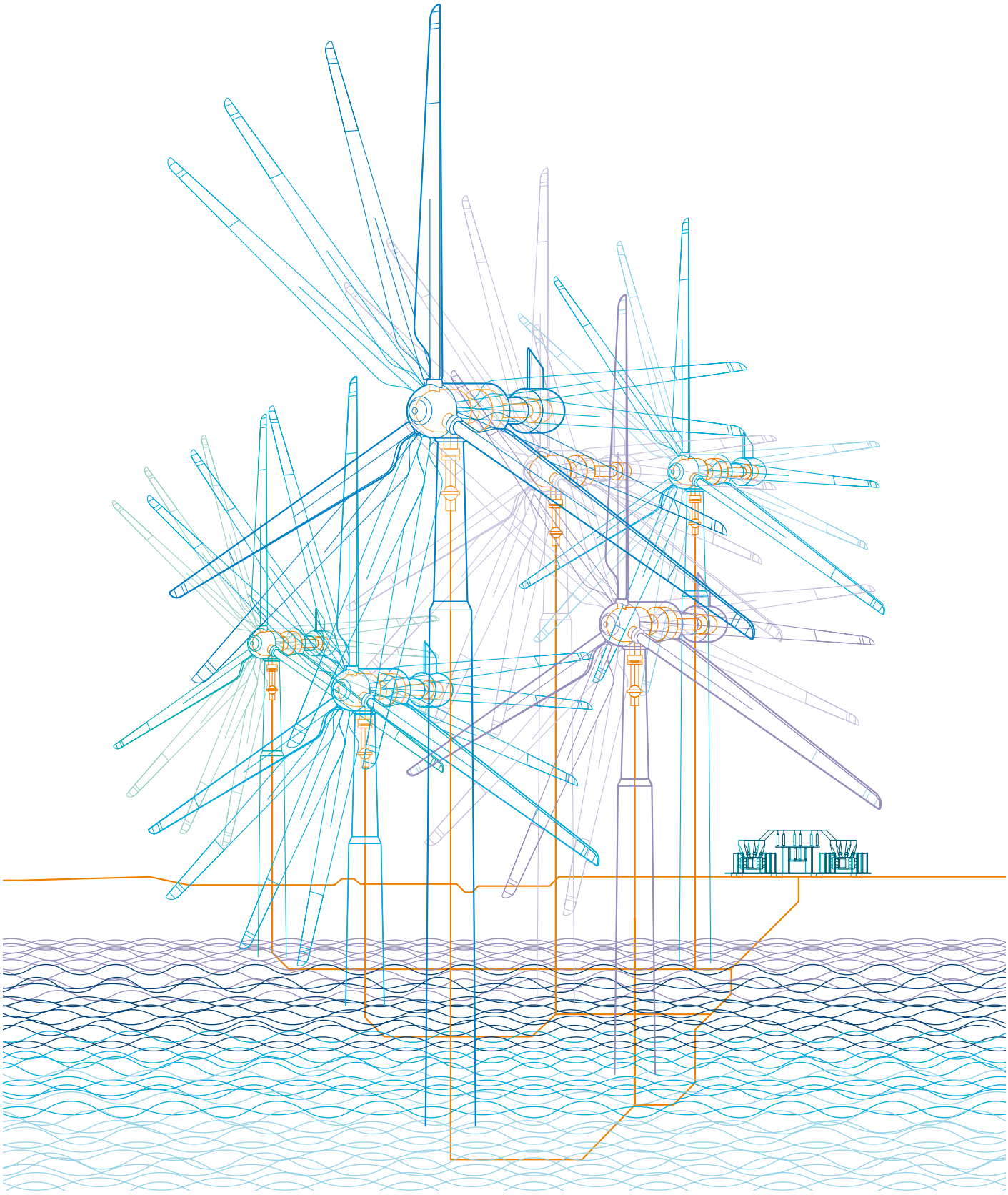




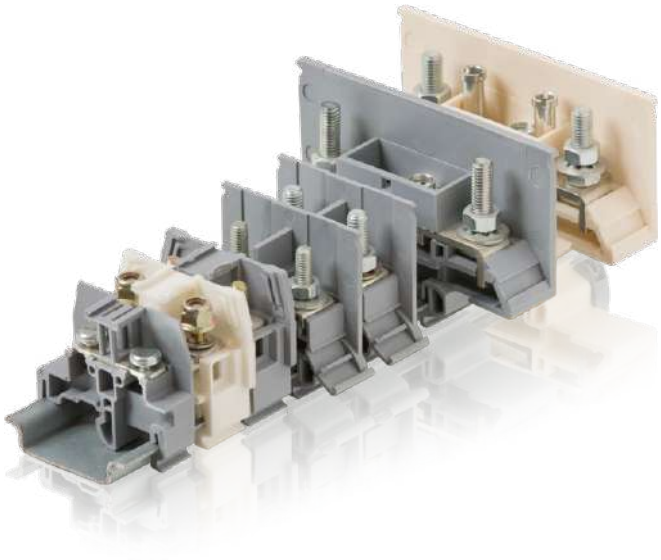
Adhesive marker
High performance adhesive marker for most surface types.
See section on markers.

Type	Oder code
RPA	1SNA235463R2300

1SNC165027S0201



1SNC165027S0201



1SNC168014S0201

Solution series, terminal blocks
Ring lug technology



Overview			92
Feed-through			
6 mm² / 8 AWG	**M6/9.EE**		93
	M6/12.FF		94
	M6/13.FF		95
Feed-through			
16 mm²	**165LTTM5TM5**		97
Test disconnect			
6 mm²	**131ETTM4TM4**	With a screwdriver sliding link	98
16 mm²	**165ETTM5TM5**	With a screwdriver sliding link	99
	165ETTM5TM5-2	With a screwdriver sliding link and test	100

5

1SNC168014S0201

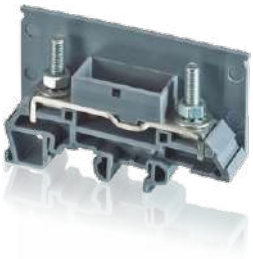
Solution series, terminal blocks
Ring lug technology

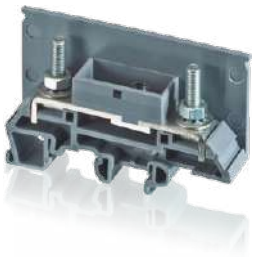




Feed-through

Section				
IEC	*UL/CSA*			
6 mm²	***8 AWG***	**M6/9.EE** 9.5 mm *0.374 in*	**M6/12.FF** 12.5 mm *0.492 in*	**M6/13.FF** 13 mm *0.512 in*






Feed-through

Test disconnect

Section					
IEC	*UL/CSA*				
6 mm²			**131ETTM4TM4** 13 mm *0.512 in*		
16 mm²		**165LTTM5TM5** 16 mm *0.630 in*		**165ETTM5TM5** 16 mm *0.630 in*	**165ETTM5TM5-2** 16 mm *0.630 in*

All the technical data for UL/CSA standard and dimensions in inches are in italic.

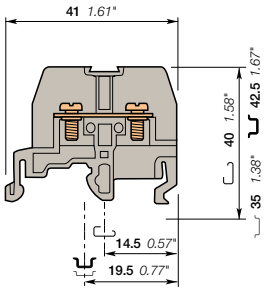
1SNC168015S0201

M6/9.EE ring lug terminal blocks
Feed-through - 9.5 mm *0.374 in* spacing





M6/9.EE



9.5 mm *0.374 in* spacing

Description
– Strap screw terminal block for ring lug connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 screws CL 6-32 NC - 2A DIA 3.5 mm *0.138 in* for lug max width 8.5 mm *0.334 in* and removable partition for jumpering	Grey ☐	M6/9.EE	1SNA115201R2500		50	7.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	0.5-6 mm²		*22-8 AWG*	*max 10 AWG*
	Flexible	0.5-6 mm²			
	Gauge				
Rated current		46 A		*40 A*	*40 A*
Rated cross section		6 mm²		*8 AWG*	*10 AWG*
Rated voltage		750 V		*600 V*	*600 V*
Impulse withstand voltage		720 V			
Protection				*NEMA*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Flat screwdriver
Tool		6.35 mm *0.250 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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5







Accessories

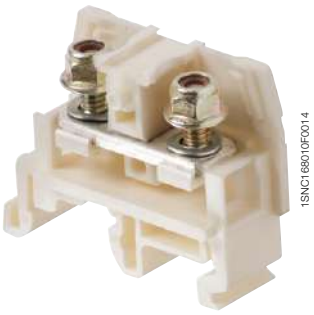
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey ☐	FEM9	1SNA113067R1700		1	2.40
3	**Jumper bars**	2 poles	41 A		BJS9.5-2	1SNA173815R1600		10	1.00
		3 poles			BJS9.5-3	1SNA173816R1700		10	1.60
		4 poles			BJS9.5-4	1SNA173817R1000		10	2.20
		5 poles			BJS9.5-5	1SNA173818R2100		10	2.70
		10 poles			BJS9.5-10	1SNA173819R2200		10	5.60
4	**Circuit separators**	1 mm	*0.039 in*	White ☐	SCF9	1SNA103672R0100		20	2.00
5	**Terminal block markers**	Blank card		White ☐	RCT810	1SNA236500R0600		1	7.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

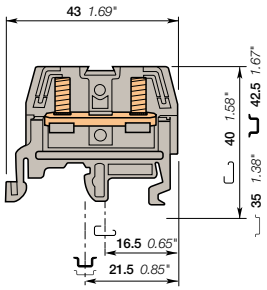
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M6/12.FF ring lug terminal blocks
Feed-through - 12.5 mm *0.492 in* spacing





M6/12.FF



12.5 mm *0.492 in* spacing

Description
– Terminal block for high vibration environment,
– Stud connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With nuts, with 2 studs 8-32 UNC - 2A DIA 4.16 mm *0.164 in*, height 9 mm *0.354 in*, for lug max width 9.5 mm *0.374 in* and removable partition for jumpering	White ☐	M6/12.FF	1SNA115263R2200		50	20.00
	Without nuts, with 2 studs 8-32 UNC - 2A DIA 4.16 mm *0.164 in*, height 9 mm *0.354 in*, for lug max width 9.5 mm *0.374 in* and removable partition for jumpering	Grey ☐ White ☐	M6/12.FF M6/12.FF	1SNA115511R0300 1SNA115262R2100		50 50	13.00 13.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	max 6 mm²		*8 AWG*	*18-10 AWG*
	Flexible				
	Gauge				
Rated current		46 A		*40 A*	*25 A*
Rated cross section		6 mm²		*8 AWG*	*10 AWG*
Rated voltage		750 V		*600 V*	*600 V*
Impulse withstand voltage		720 V			
Protection				*NEMA*	

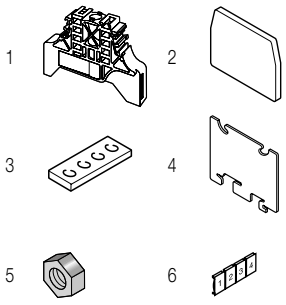
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench
Torque		1.8 N.m *15.65 lb.in*
Wire stripping length		

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey ☐	FEM12F	1SNA116713R1600		25	1.25
3	**Jumper bars**	2 poles	41 A		BJS12.5-2	1SNA174393R2000		10	1.70
		3 poles			BJS12.5-3	1SNA174394R2100		10	2.70
		5 poles			BJS12.5-5	1SNA174395R2200		10	4.80
		10 poles			BJS12.5-10	1SNA174396R2300		10	9.90
4	**Circuit separators**	1 mm	*0.039 in*	White ☐	SCF9	1SNA103672R0100		20	2.00
5	**Nuts**				ECR-3	1SNA175263T0600		100	1.00
6	**Terminal block markers**	Blank card		White ☐	RCT810	1SNA236500R0600		1	7.60

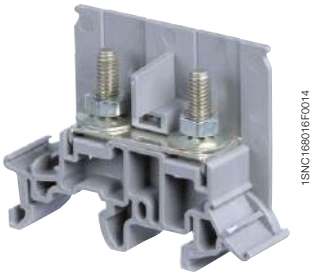
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

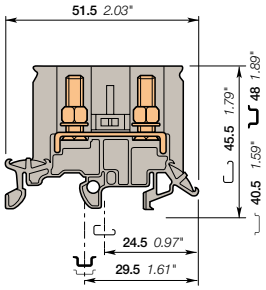
1SNC168002S0201 - Rev. A

M6/13.FF ring lug terminal blocks
Feed-through - 13 mm *0.512 in* spacing





M6/13.FF



13 mm *0.512 in* spacing

Description
– Two stud terminal block for ring lug connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 studs M4 x 16 and removable partition for jumpering	Grey ☐	M6/13.FF	1SNA115626R1600		25	16.00

Main technical data

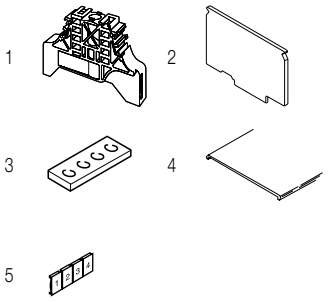
		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	max 6 mm²			
	Flexible	max 6 mm²			
	Gauge				
Rated current		41 A			
Rated cross section		6 mm²			
Rated voltage		630 V			
Impulse withstand voltage		8000 V			
Protection				*NEMA*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		H7 mm *0.275 in*
Torque		1.2 - 2.5 N.m *10.6 - 21.8 lb.in*
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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RoHS RoHS Gost R



Accessories

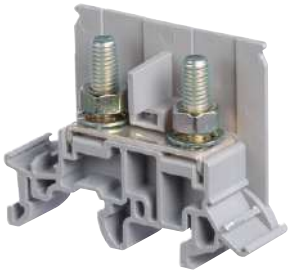
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM13F	1SNA116977R1700		25	1.40
3	**Jumper bars**	10 poles	125 A		BJS13-10	1SNA167224R2700		10	10.00
4	**Protecting covers**				CPE43	1SNA280092R2500		2	
5	**Terminal block markers**	Blank card		White ☐	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

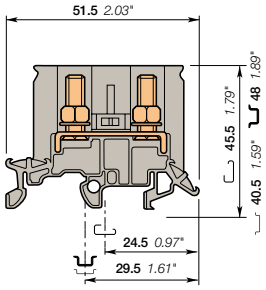
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M6/13.FF ring lug terminal blocks
Feed-through - 13 mm *0.512 in* spacing





M6/13.FF



13 mm *0.512 in* spacing

Description
– Two stud terminal block for ring lug connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 studs M5 x 16 and removable partition for jumpering	Grey ☐	M6/13.FF.1	1SNA115627R1700		25	16.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	max 6 mm²			
	Flexible	max 6 mm²			
	Gauge				
Rated current		41 A			
Rated cross section		6 mm²			
Rated voltage		630 V			
Impulse withstand voltage		8000 V			
Protection				*NEMA*	

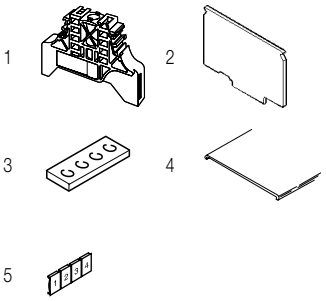
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H8 mm *0.310 in*
Torque		2 - 4 N.m *17.7 - 35.4 lb.in*
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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RoHS RoHS Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM13F	1SNA116977R1700		25	1.40
3	**Jumper bars**	13 mm	125 A		BJS13-10	1SNA167224R2700		10	10.00
4	**Protecting covers**				CPE43	1SNA280092R2500		2	
5	**Terminal block markers**	Blank card		White ☐	RC1010	1SNA238000R1600		1	1.30

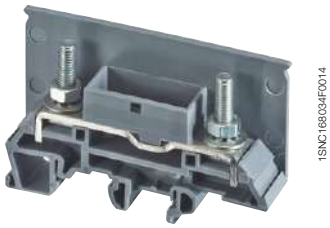
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

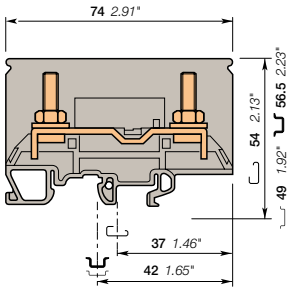
1SNC168004S0201 - Rev. A

165LTTM5TM5 ring lug terminal blocks
Feed-through - 16 mm *0.630 in* spacing





165LTTM5TM5



16 mm *0.630 in* spacing

Description
– Two stud terminal block for ring lug connection,
– Profile aligned with disconnect terminal blocks type 165ETTM5TM5.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 studs M5 x 16 and partition	Grey ☐	165LTTM5TM5	1SNA216110R2200		25	40.00

Main technical data

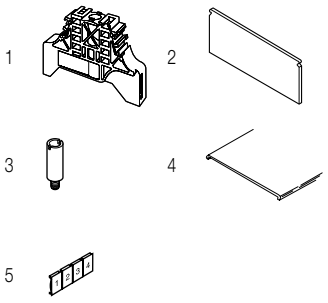
		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	16 mm²			
	Flexible	16 mm²			
	Gauge				
Rated current		76 A			
Rated cross section		16 mm²			
Rated voltage		800 V			
Impulse withstand voltage		8000 V			
Protection		IP00		*NEMA*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		H8 mm *0.310 in*
Torque		2 - 4 N.m *17.7 - 35.4 lb.in*
Wire stripping length		

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RoHS RoHS Gost R



Accessories

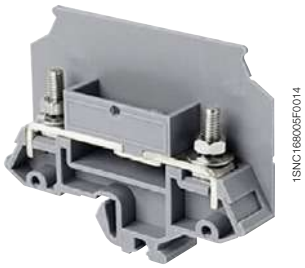
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.079 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FEET80	1SNA216114R1200		10	7.20
3	**Test sockets**	DIA 4 mm	*0.157 in*		AL4-M3-R1	1SNA206722R0200		50	1.62
4	**Protecting covers**	Length 2 m	*78 in*		CPE80	1SNA280093R2600		1	103.00
5	**Terminal block markers**	Blank card			REH3	1SNA163155R2600		1	20.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

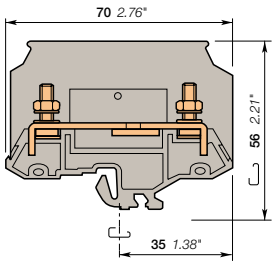
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

131ETTM4TM4 ring lug terminal blocks
Test disconnect with a screwdriver sliding link - 13 mm *0.512 in* spacing





131ETTM4TM4



13 mm *0.512 in* spacing

Description
– Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
– Two stud terminal block for ring lug connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 studs M4 x 14 and partition	Grey ☐	131ETTM4TM4	1SNA111028R1600		25	20.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	6 mm²			
	Flexible	6 mm²			
	Gauge				
Rated current		47 A			
Rated cross section		6 mm²			
Rated voltage		750 V			
Impulse withstand voltage		720 V			
Protection				*NEMA*	

Mounting instructions

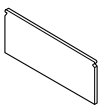
Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H7 mm *0.275 in*
Torque		1.2 - 2.5 N.m *10.6 - 21.8 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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RoHS RoHS Gost R

Accessories









	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9.1 mm	*0.358 in*	Grey ☐	BAMH	1SNA114836R0000		50	13.00
2	**End sections**	1.5 mm	*0.059 in*	Grey ☐	FEET60	1SNA117755R2100		10	5.00
3	**Test sockets**	DIA 4 mm	*0.157 in*		AL4-M3-R1	1SNA206722R0200		50	1.62
4	**Terminal block markers**	Blank card			REH3	1SNA163155R2600		1	20.00

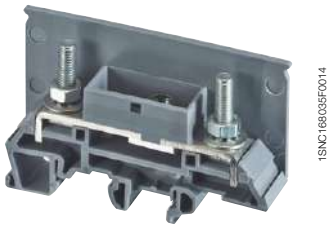
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

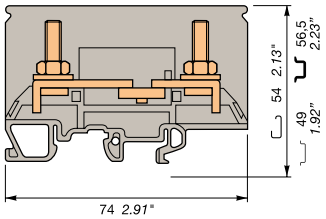
1SNC168009S0201 - Rev. A

165ETTM5TM5 ring lug terminal blocks
Test disconnect with a screwdriver sliding link - 16 mm *0.630 in* spacing





165ETTM5TM5



16 mm *0.630 in* spacing

Description
- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver.
- Two stud terminal block for ring lug connection.
- Profile aligned with terminal blocks type 165LTTM5TM5

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 studs M5 x 18 fitted with 1 nut + 1 lock washer	Grey ☐	165ETTM5TM5	1SNA216112R1000		25	22.00

Main technical data

			UL	CSA
Lugs	Rigid - Solid / Stranded	16 mm²		
	Flexible	16 mm²		
	Gauge			
Rated current		76 A		
Rated cross section		16 mm²		
Rated voltage		800 V		
Impulse withstand voltage		8000 V		
Protection		IP00	*NEMA*	

Mounting instructions

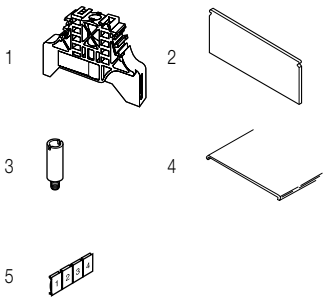
Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H8 mm *0.310 in*
Torque		2 - 4 N.m *17.7 - 35.4 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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RoHS RoHS Gost R

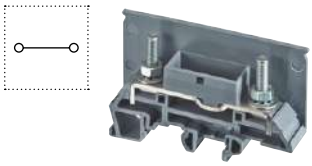
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.079 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FEET80	1SNA216114R1200		10	7.20
3	**Test sockets**	DIA 4 mm	*0.157 in*		AL4-M3-R1	1SNA206722R0200		50	1.62
4	**Protecting covers**	Length 2 m	*78 in*		CPE80	1SNA280093R2600		1	103.00
5	**Terminal block markers**	Blank card			REH3	1SNA163155R2600		1	20.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



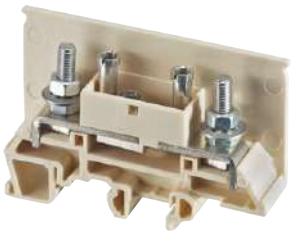
Feed-through wire lug terminal blocks

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	165LTTM5TM5	1SNA216110R2200		25	40.00

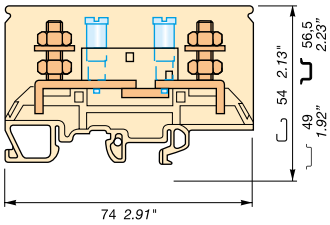
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

165ETTM5TM5 ring lug terminal blocks
Test disconnect with a screwdriver sliding link - 16 mm *0.630 in* spacing





165ETTM5TM5



16 mm *0.630 in* spacing

Description
- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the 2 independent built-in test sockets compatible with DIA 4 mm *0.157 in* test plugs,
- Two stud terminal block for ring lug connection,
- Profile aligned with terminal blocks type 165LTTM5TM5.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 studs M5 x 18 fitted with 2 nuts + 1 washer, with test sockets DIA 4 mm *0.157 in*	Beige	165ETTM5TM5-2	1SNA296117R1600		25	51.00

Main technical data

		NFC	DIN	*UL*	*CSA*
Lugs	Rigid - Solid / Stranded	16 mm²			
	Flexible	16 mm²			
	Gauge				
Rated current		76 A			
Rated cross section		16 mm²			
Rated voltage		800 V			
Impulse withstand voltage		8000 V			
Protection		IP00		*NEMA*	

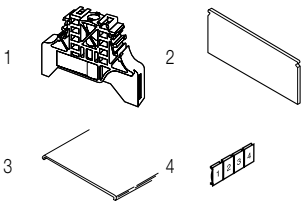
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H8 mm *0.310 in*
Torque		2 - 4 N.m *17.7 - 35.4 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R

Accessories

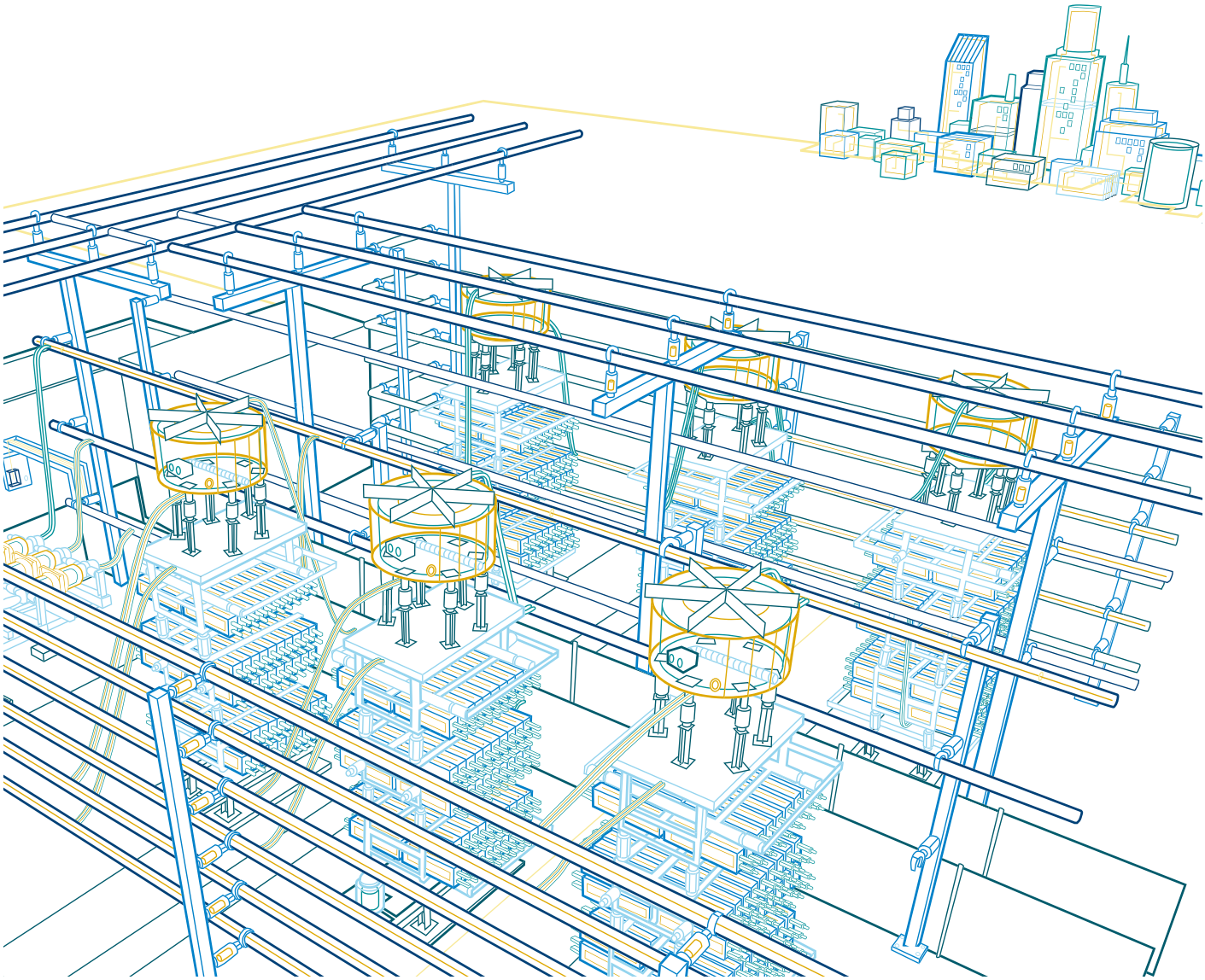


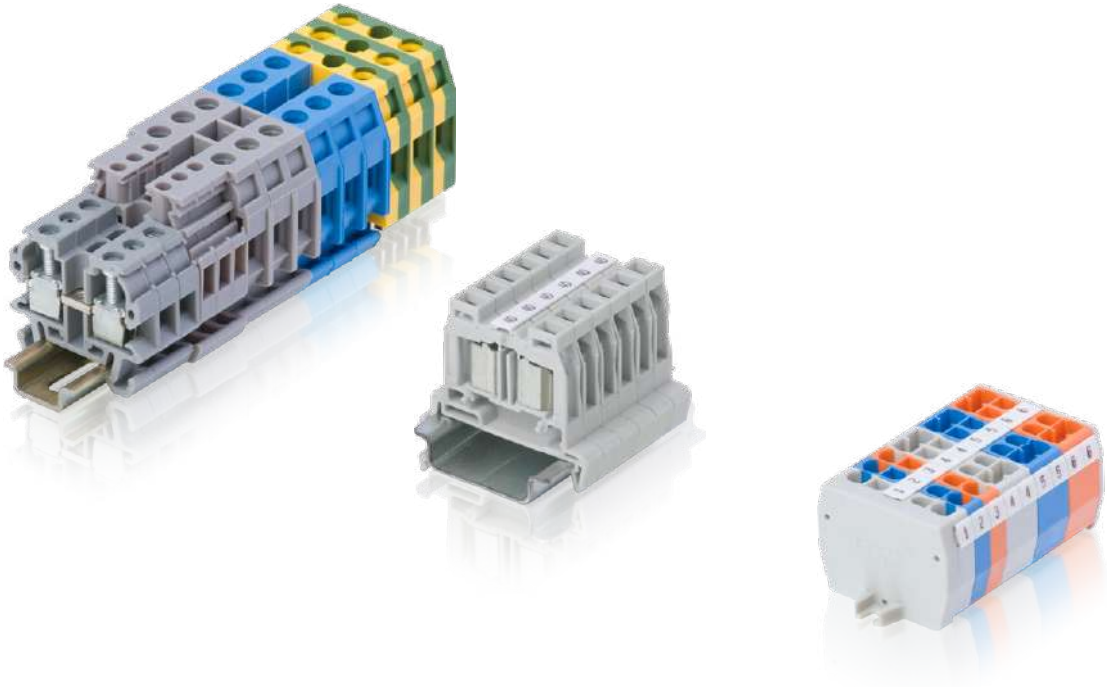
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.079 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Beige	FEET80	1SNA296114R1300		10	7.20
3	**Protecting covers**	Length 2 m	*78 in*		CPE80	1SNA280093R2600		1	103.00
4	**Terminal block markers**	Blank card			REH3	1SNA163155R2600		1	20.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC168012S0201 - Rev. A





1SNC160099S0201

Solution series, terminal blocks
Miniblocks



Overview 104

Screw clamp technology

Rail TH 35

Feed-through	4 mm² / *10-12 AWG*	**MS4/6**		106
	6 mm² / *8 AWG*	**MS6/8**		107

Rail TH 15

Feed-through	1.5 mm² / *12 AWG*	**DR1.5/4**		108
		DR1.5/5		109
	4 mm² / *10-12 AWG*	**DR4/6**		111
Ground	4 mm² / *10-12 AWG*	**DR4/6.P**		113
Disconnect	2.5 mm² / *12 AWG*	**DR2.5/5.S**		114
Fuse	4 mm² / *12 AWG*	**DR4/8.SF**		115

Spring clamp technology

Rail TH 35

Feed-through	2.5 mm² / *12 AWG*	**DS2.5/5.2L**	2 connections	116
		DS2.5/10.4L	4 connections	117

Rail TH 15

Feed-through	2.5 mm² / *12 AWG*	**DR2.5/5.2L**	2 connections	118
		DR2.5/10.4L	4 connections	119
Ground	2.5 mm² / *12 AWG*	**DR2.5/10.P.4L**	4 connections	120

Base mounting

Feed-through	2.5 mm² / *12 AWG*	**DB2.5/5.2L**	2 connections with flanges mounting	121
		DH2.5/5.2L	2 connections with snap in foot	122

ADO / screw clamp technology

Rail TH 35

Feed-through	1 mm² / *18 AWG*	**DS2.5/5.ADO & DSE2.5/5.ADO**		123
	1.5 mm² / *16 AWG*	**DS4/6.ADO & DSE4/6.ADO**		124
	2.5 mm² / *14 AWG*	**DS4/8.ADO & DSE4/8.ADO**		125
Ground	2.5 mm² / *14 AWG*	**DS4/8.P.ADO**		126

Rail TH 15

Feed-through	1 mm² / *18 AWG*	**DR2.5/5.ADO & DRE2.5/5.ADO**		127
	1.5 mm² / *16 AWG*	**DR4/6.ADO & DRE4/6.ADO**		128
	2.5 mm² / *14 AWG*	**DR4/8.ADO & DRE4/8.ADO**		129
Ground	2.5 mm² / *14 AWG*	**DR4/8.P.ADO**		130

Base mounting

Feed-through	1 mm² / *18 AWG*	**DB2.5/5.ADO**	With flanges mounting	131
	1.5 mm² / *16 AWG*	**DB4/6.ADO**	With flanges mounting	132
	2.5 mm² / *14 AWG*	**DB4/8.ADO**	With flanges mounting	133
	1.5 mm² / *16 AWG*	**DH4/6.ADO**	With snap in foot	134

ADO / ADO technology

Rail TH 35

Feed-through	1.5 mm² / *16 AWG*	**DS1.5/6.ADO & DSE1.5/6.ADO**		135
	2.5 mm² / *14 AWG*	**DS2.5/8.ADO & DSE2.5/8.ADO**		136
Ground	2.5 mm² / *14 AWG*	**DS2.5/8.P.ADO**		137

Rail TH 15

Feed-through	1 mm² / *18 AWG*	**DR1/5.ADO & DRE1/5.ADO**		138
	1.5 mm² / *16 AWG*	**DR1.5/6.ADO & DRE1.5/6.ADO**		139
	2.5 mm² / *14 AWG*	**DR2.5/8.ADO & DRE2.5/8.ADO**		140
Ground	2.5 mm² / *14 AWG*	**DR2.5/8.P.ADO**		141

Base mounting

Feed-through	1.5 mm² / *16 AWG*	**DB1.5/6.ADO**	With flanges mounting	142
	2.5 mm² / *14 AWG*	**DB2.5/8.ADO**	With flanges mounting	143
	1.5 mm² / *16 AWG*	**DH1.5/6.ADO**	With snap in foot	144

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Solution series, terminal blocks
Miniblocks

Screw clamp technology







		Feed-through		Ground	Disconnect	Fuse
Section						
IEC	*UL/CSA*					
1.5 mm²	*12 AWG*		**DR1.5/4** 4 mm *0.157 in*			
1.5 mm²	*12 AWG*		**DR1.5/5** 5 mm *0.197 in*			
2.5 mm²	*12 AWG*				**DR2.5/5 S** 5.08 mm *0.200 in*	
4 mm²	*10-12 AWG*	**MS4/6** 6 mm *0.236 in*	**DR4/6** 6 mm *0.236 in*	**DR4/6.P** 6 mm *0.236 in*		**DR4/8.SF** 8 mm *0.315 in*
6 mm²	*8 AWG*	**MS6/8** 8 mm *0.315 in*				
Rail / mounting		TH 35	TH 15	TH 15	TH 15	TH 15

Spring clamp technology





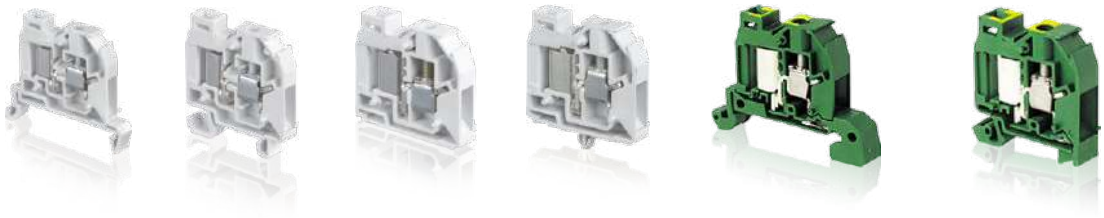


		Feed-through				Ground
Section						
IEC	*UL/CSA*					
2.5 mm²	*12 AWG*	**DS2.5/5.2L** 5 mm *0.197 in*	**DR2.5/5.2L** 5 mm *0.197 in*	**DB2.5/5.2L** 5 mm *0.197 in*	**DH2.5/5.2L** 5 mm *0.197 in*	
2.5 mm²	*12 AWG*	**DS2.5/10.4L** 10 mm *0.394 in*	**DR2.5/10.4L** 10 mm *0.394 in*			**DR2.5/10.P.4L** 10 mm *0.394 in*
Rail / mounting		TH 35	TH 15	BASE	BASE	TH 15

All the technical data for UL/CSA standard and dimensions in inches are in italic.

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ADO / screw clamp technology



Section		Feed-through				Ground	
IEC	*UL/CSA*						
1 mm²	*18 AWG*	**DS2.5/5.ADO** 5 mm *0.197 in*	**DR2.5/5.ADO** 5 mm *0.197 in*	**DB2.5/5.ADO** 5 mm *0.197 in*			
1.5 mm²	*16 AWG*	**DS4/6.ADO** 6 mm *0.236 in*	**DR4/6.ADO** 6 mm *0.236 in*	**DB4/6.ADO** 6 mm *0.236 in*	**DH4/6.ADO** 6 mm *0.236 in*		
2.5 mm²	*14 AWG*	**DS4/8.ADO** 8 mm *0.315 in*	**DR4/8.ADO** 8 mm *0.315 in*	**DB4/8.ADO** 8 mm *0.315 in*		**DS4/8.P.ADO** 8 mm *0.315 in*	**DR4/8.P.ADO** 8 mm *0.315 in*
Rail / mounting		TH 35	TH 15	BASE	BASE	TH 35	TH 15

ADO / ADO technology



Section		Feed-through				Ground	
IEC	*UL/CSA*						
1 mm²	*18 AWG*		**DR1/5.ADO** 5 mm *0.197 in*				
1.5 mm²	*16 AWG*	**DS1.5/6.ADO** 6 mm *0.236 in*	**DR1.5/6.ADO** 6 mm *0.236 in*	**DB1.5/6.ADO** 6 mm *0.236 in*	**DH1.5/6.ADO** 6 mm *0.236 in*		
2.5 mm²	*14 AWG*	**DS2.5/8.ADO** 8 mm *0.315 in*	**DR2.5/8.ADO** 8 mm *0.315 in*	**DB2.5/8.ADO** 8 mm *0.315 in*		**DS2.5/8.P.ADO** 8 mm *0.315 in*	**DR2.5/8.P.ADO** 8 mm *0.315 in*
Rail / mounting		TH 35	TH 15	BASE	BASE	TH 35	TH 15

All the technical data for UL/CSA standard and dimensions in inches are in italic.

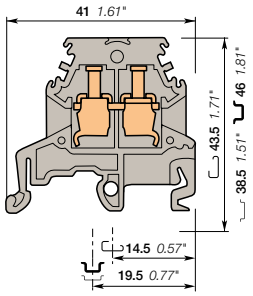
1SNC160061S0201

MS4/6 screw clamp terminal blocks
Miniblocks - 6 mm *0.236 in* spacing





MS4/6



6 mm *0.236 in* spacing

Description
– Save space with compact over-all dimensions terminal block,
– Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through	Grey	MS4/6	1SNA115265R2400		100	6.00
		Blue	MS4/6.N	1SNA125265R2600		100	6.00
		Yellow	MS4/6	1SNA105265R0300		100	6.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	*22-12 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		32 A / 4 mm²	*30 A / 10 AWG*	*25 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		630 V	*600 V*	*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

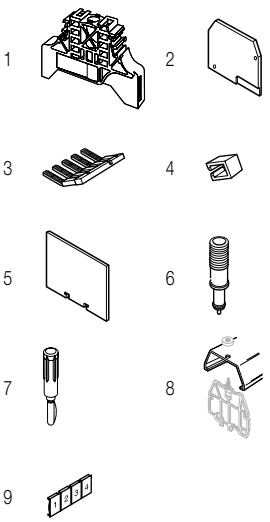
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.39 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMS6	1SNA113885R0100		20	1.80
3	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	1.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**				EIP	1SNA113550R2400		10	
5	**Circuit separators**	2.4 mm	*0.094 in*	Grey	SCFEX3	1SNA103620R0100		10	30.00
		3 mm	*0.118 in*		SCFCV1-2	1SNA116795R1100		10	8.00
6	**Test adapters**			Yellow	DCJ	1SNA173059R0300		10	2.40
7	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
8	**Protecting covers**	Length 1 m	*39 in*	Transparent	CPV1-2	1SNA176816R1200		1	
9	**Terminal block markers**			White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

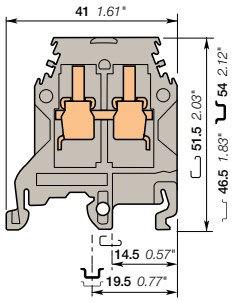
1SNC161124S0201 - Rev. A

MS6/8 screw clamp terminal blocks
Miniblocks - 8 mm *0.315 in* spacing





MS6/8



8 mm *0.315 in* spacing

Description
– Save space with compact over-all dimensions terminal block,
– Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through	Grey	MS6/8	1SNA115278R0100	50	12.00
		Blue	MS6/8.N	1SNA125278R0300	50	12.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*22-8 AWG*	*20-8 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		41 A / 6 mm²	*50 A / 8 AWG*	*40 A / 8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		500 V	*300 V*	*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

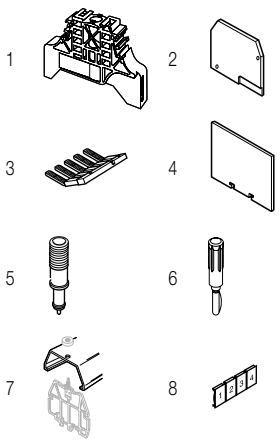
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Tool		Flat screwdriver Ø 4 - 5 mm *Ø 0.157 - 0.197 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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6

Accessories



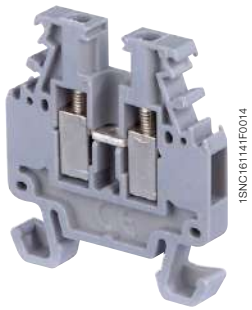
	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMS8	1SNA114195R0600	25	1.90
3	**Lateral jumper bars**	2 poles	50 A		PC8-2	1SNA116538R1700	10	3.00
		3 poles			PC8-3	1SNA116539R1000	10	4.00
		4 poles			PC8-4	1SNA116540R2500	10	6.00
		10 poles			PC8-10	1SNA163313R2400	10	14.00
4	**Circuit separators**	2.4 mm	*0.094 in*	Grey	SCFEX3	1SNA103620R0100	10	30.00
		3 mm	*0.118 in*		SCFCV1-2	1SNA116795R1100	10	8.00
5	**Test adapters**			Orange	DCO	1SNA173060R0000	10	2.30
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600	100	
7	**Protecting covers**	Length 1 m	*39 in*	Transparent	CPV1-2	1SNA176816R1200	1	
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

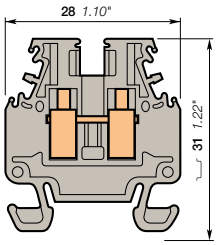
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DR1.5/4 screw clamp terminal blocks
Miniblocks - 4 mm *0.157 in* spacing





DR1.5/4



4 mm *0.157 in* spacing

Description
Save space with compact over-all dimensions terminal block.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through	Grey ☐	DR1.5/4	1SNA110106R2500		50	3.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²		
	Flexible	0.22-1.5 mm²		
	with insulated ferrule			
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

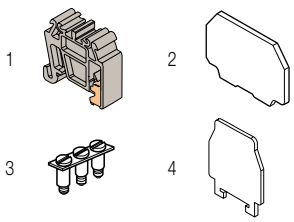
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		7 mm *0.275 in*
Tool		Flat screwdriver Ø 2.5 mm *Ø 0.98 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FED2-4	1SNA215580R2100		25	1.40
3	**Jumper bars**	2 poles	17.5 A		BJM4	1SNA205735R0600		10	1.00
		3 poles				1SNA205736R0700		10	2.00
		5 poles				1SNA205737R0000		10	3.00
		10 poles				1SNA205738R1100		10	6.00
4	**Circuit separators**	0.3 mm	*0.012 in*	White ☐	SCDR61	1SNA173016R1000		25	0.40
5	**Terminal block markers**	Blank card		White ☐	RC410	1SNA229000R1500		1	5.16

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

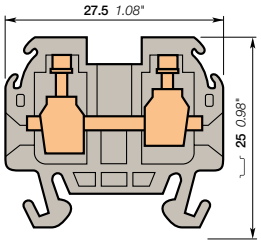
1SNC161125S0201 - Rev. A

DR1.5/5 screw clamp terminal blocks
Miniblocks - 5 mm *0.197 in* spacing





DR1.5/5



5 mm *0.197 in* spacing

Description
Save space with compact over-all dimensions terminal block.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through	Grey ☐	DR1.5/5	1SNA115510R1600	100	5.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*28 - 12 AWG*	*28 - 14 AWG*
	Flexible	0.22-1.5 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		20 A / 1.5 mm²	*20 A / 12 AWG*	*20 A / 14 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		250 V	*300 V*	*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

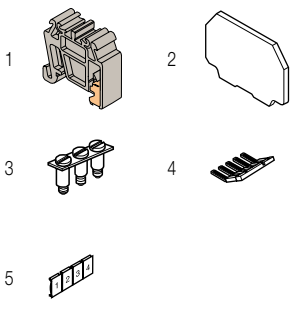
Rail		TH 15-5.5
Wire stripping length		8.5 mm *0.335 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CSA Gost R

6

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100	50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEDR5	1SNA117318R2300	25	0.80
3	**Jumper bars**	2 poles	24 A		BJMI5DR	1SNA176704R0200	10	2.00
		3 poles				1SNA176705R0300	10	3.00
		4 poles				1SNA176706R0400	10	4.00
		10 poles				1SNA176708R1600	10	12.00
4	**Lateral jumper bars**	10 poles	25 A		PC51-10	1SNA167908R0600	10	5.00
5	**Terminal block markers**	Blank card		White ☐	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

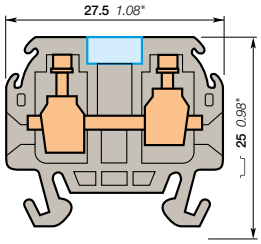
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DR1.5/5 screw clamp terminal blocks
Miniblocks - 5 mm *0.197 in* spacing





DR1.5/5



5 mm *0.197 in* spacing

Description
Save space with compact over-all dimensions terminal block.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through with partition	Grey ☐	DR1.5/5.1	1SNA112086R0200		100	5.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²		*28-14 AWG*
	Flexible	0.22-1.5 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		20 A / 1.5 mm²		*20 A / 14 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		250 V		*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 15-5.5
Wire stripping length		8.5 mm *0.335 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

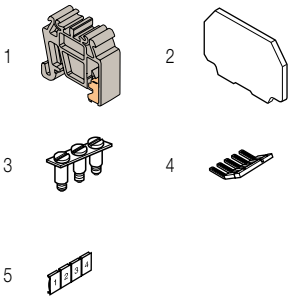
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS CSA Gost R

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEDR5	1SNA117318R2300		25	0.80
3	**Jumper bars**	2 poles	24 A		BJMI5DR	1SNA176704R0200		10	2.00
		3 poles				1SNA176705R0300		10	3.00
		4 poles				1SNA176706R0400		10	4.00
		10 poles				1SNA176708R1600		10	12.00
		20 poles			BJS5-20	1SNA177652R0600		10	4.00
4	**Lateral jumper bars**	10 poles	25 A		PC51-10	1SNA167908R0600		10	5.00
5	**Terminal block markers**	Blank card		White ☐	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

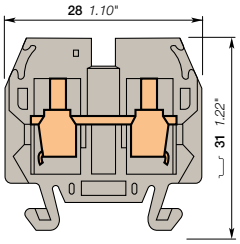
1SNC161131S0201 - Rev. A

DR4/6 screw clamp terminal blocks
Miniblocks - 6 mm *0.236 in* spacing





DR4/6



6 mm *0.236 in* spacing

Description
Save space with compact over-all dimensions terminal block.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through	Grey	DR4/6	1SNA110251R0500	50	6.00
		Blue	DR4/6.N	1SNA120251R0700	50	6.00

Main technical data

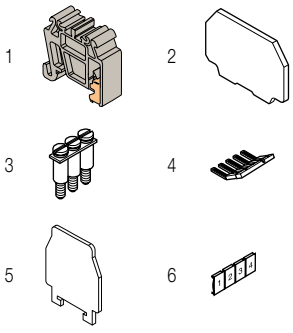
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22 - 12 AWG*	*28-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	*25 A / 10 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*250 V*	*600 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100	50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey	FEDR61	1SNA117600R0300	25	0.80
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600	10	2.00
		3 poles				1SNA173218R0700	10	3.00
		4 poles				1SNA173219R0000	10	4.00
		10 poles				1SNA173226R2700	10	10.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200	10	5.00
5	**Circuit separators**	0.3 mm	*0.012 in*	White	SCDR61	1SNA173016R1000	25	0.40
6	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground screw clamp terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DR4/6...	Green-yellow	DR4/6.P	1SNA160496R2600	50	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

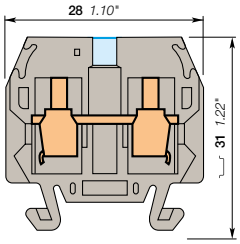
1SNC161126S0201 - Rev. A

DR4/6.1 screw clamp terminal blocks
Miniblocks - 6 mm *0.236 in* spacing

4 mm²
12 AWG



DR4/6.1



6 mm *0.236 in* spacing

Description
Save space with compact over-all dimensions terminal block.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks	Feed-through with partition	Grey	DR4/6.1	1SNA110491R1700	50	6.00
	Feed-through	Blue	DR4/6.1.N	1SNA120491R1100	50	6.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		*28-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		30 A / 4 mm²		*25 A / 10 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V		*600 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

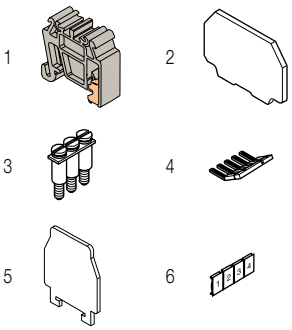
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS cCSAus Gost R

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100	50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey	FEDR61	1SNA117600R0300	25	0.80
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600	10	2.00
		3 poles				1SNA173218R0700	10	3.00
		4 poles				1SNA173219R0000	10	4.00
		10 poles				1SNA173226R2700	10	10.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200	10	5.00
5	**Circuit separators**	0.3 mm	*0.012 in*	White	SCDR61	1SNA173016R1000	25	0.40
6	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground screw clamp terminal blocks

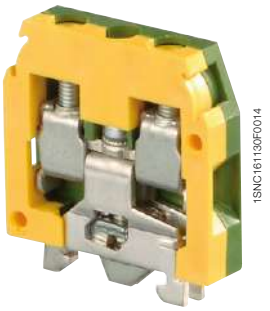
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DR4/6...	Green-yellow	DR4/6.P	1SNA160496R2600	50	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

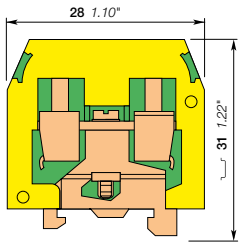
1SNC161130S0201 - Rev. A

DR4/6.P screw clamp terminal blocks
Miniblocks - 6 mm *0.236 in* spacing





DR4/6.P



6 mm *0.236 in* spacing

Description
- Save space with compact over-all dimensions terminal block,
- For DIN 2 rail,
- Reliable electrical and mechanical contact with the rail.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	DR4/6.P	1SNA160496R2600		50	10.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-12 AWG*	*28-10 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge			
Rated cross section		4 mm²	*12 AWG*	*10 AWG*
Rated short-time withstand current (1s)		480 A		

Mounting instructions

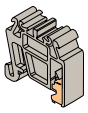
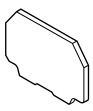
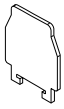
Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Screw clamp Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when apply) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR cCSAus Gost R

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey	FEDR61	1SNA117600R0300		25	0.80
3	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
4	**Circuit separators**	0.3 mm	*0.012 in*	White	SCDR61	1SNA173016R1000		25	0.40
5	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

1  2 
3  4 
5 

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

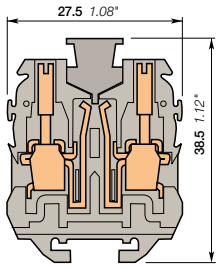
DR2.5/5.S screw clamp terminal blocks
Miniblocks - 5.08 mm *0.200 in* spacing



Description
– Save space with compact over-all dimensions terminal block,
– Ease your disconnect operations with the disconnect plug.



DR2.5/5.S



5.08 mm *0.200 in* spacing

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Miniblocks	Disconnect with 2 test sockets DIA 2 mm *0.079 in*	Grey ☐	DR2.5/5.S1	1SNA112098R1600		100	6.00

Main technical data

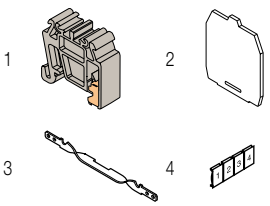
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²		
	Flexible	0.5-2.5 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		3 A / 2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Rated voltage		380 V		
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 15-5.5
Wire stripping length		8.5 mm *0.335 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEDR51	1SNA117668R0200		25	1.00
3	**Shield connectors**				CBD5	1SNA167674R0200		25	
4	**Terminal block markers** Blank card			White ☐	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

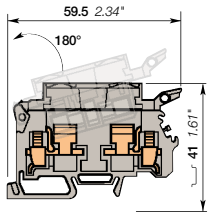
1SNC161132S0201 - Rev. A

DR4/8.SF screw clamp terminal blocks
Miniblocks - 8 mm *0.315 in* spacing





DR4/8.SF



8 mm *0.315 in* spacing

Description

– Save space with compact over-all dimensions terminal block,
– Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Miniblocks	Fuse	Grey ☐	DR4/8.SF	1SNA110368R1200		50	14.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²		*18 - 12 AWG*
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		6.3 A / 4 mm²		*6.3 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		630 V		*300 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

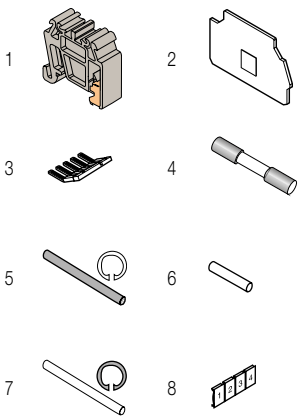
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	End stops	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1.5 mm	*0.059 in*	Grey ☐	FEM8S	1SNA116951R1500		20	2.60
3	**Lateral jumper bars**	10 poles	35 A		PC81-10	1SNA173523R1100		10	5.00
4	**Fuses**	0.5 A			FU520	1SNA008288R1500		10	
		3.15 A				1SNA008289R1600		10	
		1 A				1SNA008290R1300		10	
		2 A				1SNA008291R0000		10	
		5 A				1SNA008292R0100		10	
5	**Assembly rods**	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles				1SNA168673R1200		10	
		4 poles				1SNA168674R1300		10	
6	**Neutral cartridges**				CN5	1SNA179371R1600		10	3.90
7	**Spring retaining rings**				ANT	1SNA168675R1400		10	
8	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

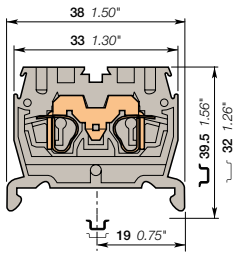
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DS2.5/5.2L spring terminal blocks
Miniblocks - 5 mm *0.197 in* spacing

	2.5 mm²
	12 AWG



DS2.5/5.2L



5 mm *0.197 in* spacing

Description
- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH35,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	DS2.5/5.2L	1SNA290221R0400		100	4.00
		Blue	DS2.5/5.N.2L	1SNA290223R0600		100	4.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²	*26-12 AWG*	
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

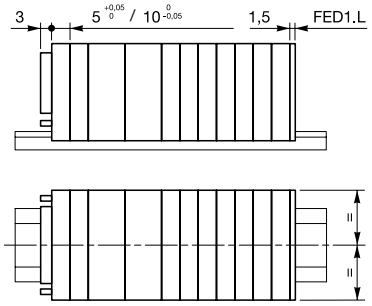
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

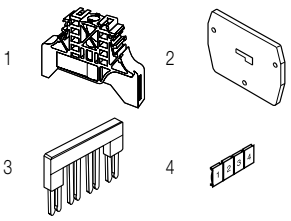
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



Accessories



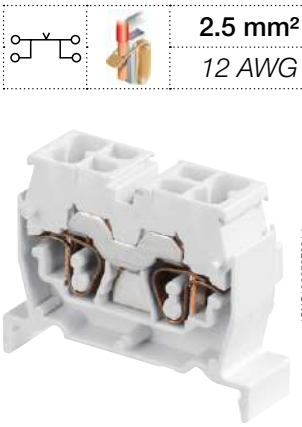
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	1.5 mm	*0.059 in*	Grey	FED1.L	1SNA291301R0200		20	1.40
		4 mm	*0.157 in*		FED2.L	1SNA291311R2300		20	1.90
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Terminal block markers** Blank card			White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

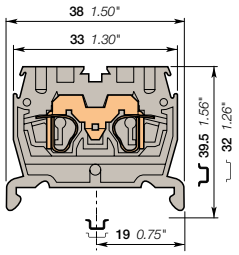
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162090S0201 - Rev. A

DS2.5/10.4L spring terminal blocks
Miniblocks - 10 mm *0.394 in* spacing



DS2.5/10.4L



10 mm *0.394 in* spacing

2.5 mm²
12 AWG

Description
- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH35,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	4 connections	Grey	DS2.5/10.4L	1SNA290231R0600		100	6.00
		Blue	DS2.5/10.N.4L	1SNA290233R0000		100	6.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²	*26-12 AWG*	
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

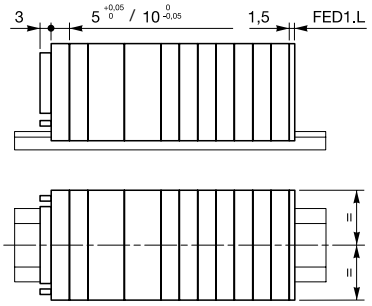
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

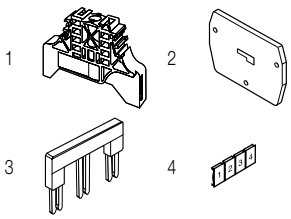
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Notes



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	1.5 mm	*0.059 in*	Grey	FED1.L	1SNA291301R0200		20	1.40
		4 mm	*0.157 in*		FED2.L	1SNA291311R2300		20	1.90
3	**Jumper bars**	2 poles	24 A	Orange	BJDL10-2	1SNA291322R2600		50	1.00
		3 poles			BJDL10-3	1SNA291323R2700		50	1.00
		4 poles			BJDL10-4	1SNA291324R2000		20	2.00
		5 poles			BJDL10-5	1SNA291325R2100		20	2.00
4	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90



Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162091S0201 - Rev. A

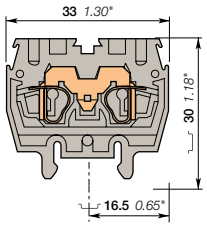
DR2.5/5.2L spring terminal blocks

Miniblocks - 5 mm *0.197 in* spacing

		2.5 mm²
		12 AWG



DR2.5/5.2L



5 mm *0.197 in* spacing

Description

- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH15,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	DR2.5/5.2L	1SNA290201R1100		100	4.00
		Blue	DR2.5/5.N.2L	1SNA290203R1300		100	4.00

Main technical data

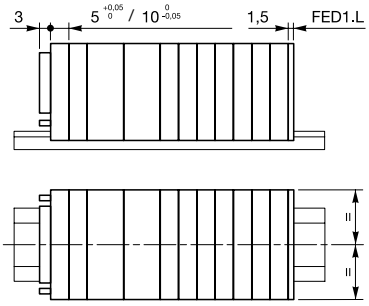
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²	*26-12 AWG*	
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

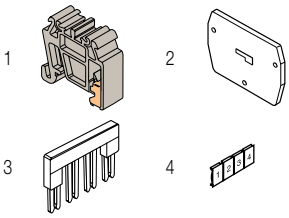
Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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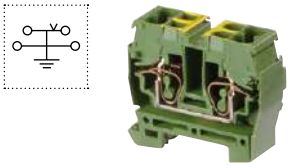


Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1.5 mm	*0.059 in*	Grey	FED1.L	1SNA291301R0200		20	1.40
		4 mm	*0.157 in*		FED2.L	1SNA291311R2300		20	1.90
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



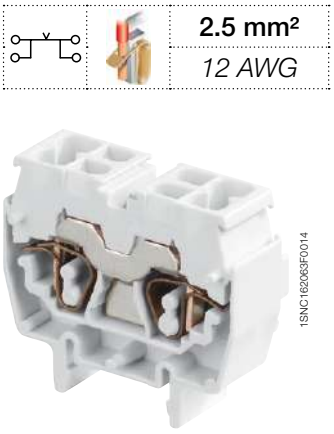
Ground spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DR2.5/...L	Green-yellow	DR2.5/10.P.4L	1SNA290219R1200		100	7.00

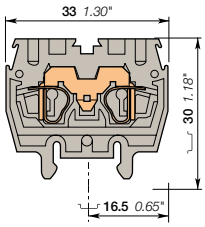
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162092S0201 - Rev. A

DR2.5/10.4L spring terminal blocks
Miniblocks - 10 mm *0.394 in* spacing



DR2.5/10.4L



10 mm *0.394 in* spacing

2.5 mm²
12 AWG

Description
- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH15,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	4 connections	Grey	DR2.5/10.4L	1SNA290211R0200		100	6.00
		Blue	DR2.5/10.N.4L	1SNA290213R0400		100	6.00

Main technical data

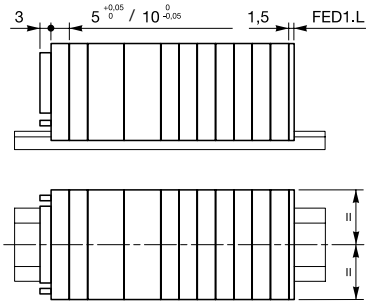
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²	*26-12 AWG*	
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

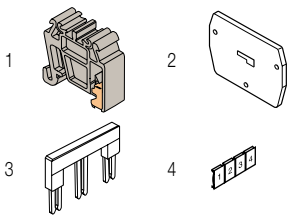
Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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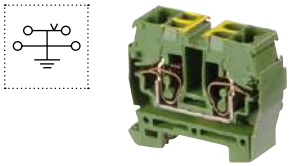


Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1.5 mm	*0.059 in*	Grey	FED1.L	1SNA291301R0200		20	1.40
		4 mm	*0.157 in*		FED2.L	1SNA291311R2300		20	1.90
3	**Jumper bars**	2 poles	24 A	Orange	BJDL10-2	1SNA291322R2600		50	1.00
		3 poles			BJDL10-3	1SNA291323R2700		50	1.00
		4 poles			BJDL10-4	1SNA291324R2000		20	2.00
		5 poles			BJDL10-5	1SNA291325R2100		20	2.00
4	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DR2.5/...L	Green-yellow	DR2.5/10.P.4L	1SNA290219R1200		100	7.00

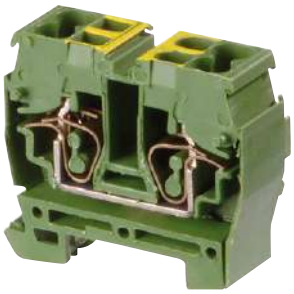
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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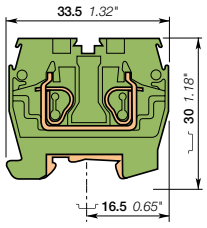
1SNC162093S0201 - Rev. A

DR2.5/10.P.4L spring terminal blocks
Miniblocks - 10 mm *0.394 in* spacing

		2.5 mm²
		12 AWG



DR2.5/10.P.4L



10 mm *0.394 in* spacing

Description
- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH15,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	DR2.5/10.P.4L	1SNA290219R1200		100	7.00

Main technical data

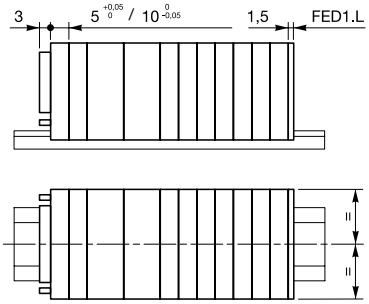
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²		
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated cross section		2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Protection		IP20	*NEMA 1*	

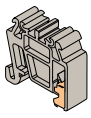
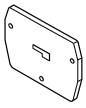
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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1 
2 
3 

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	1.5 mm	*0.059 in*	Grey	FED1.L	1SNA291301R0200		20	1.40
3	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

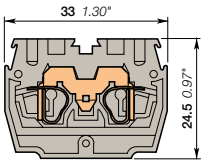
1SNC162094S0201 - Rev. A

DB2.5/5.2L spring terminal blocks
Miniblocks - 5 mm *0.197 in* spacing

	2.5 mm²
	12 AWG



DB2.5/5.2L



5 mm *0.197 in* spacing

Description

- Save space with compact angled terminal blocks,
- Easy base mounting thanks to the usage of flanges,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

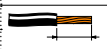
Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	DB2.5/5.2L	1SNA290241R1000	100	4.00
		Blue	DB2.5/5.N.2L	1SNA290243R1200	100	4.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²	*26-12 AWG*	
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

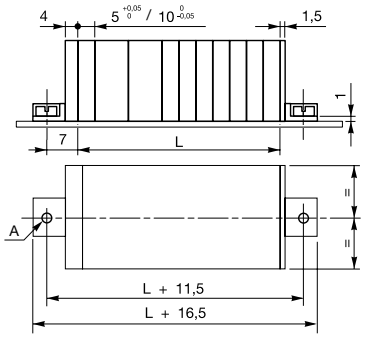
Mounting instructions

Rail		
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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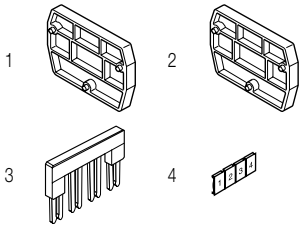
Notes



L = (N blocks x 5.05) + (N blocks x 10)

A: 2 holes DIA 3.2 mm for 3 mm screw with cylindrical head (not supplied)

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End section kits**			Grey	FEDB.L	1SNA290281R0100	20	3.00
2	**End sections**	4 mm	*0.157 in*	Grey	FED2.L	1SNA291311R2300	20	1.90
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles			BJDL5-3	1SNA291103R2400	50	0.70
		4 poles			BJDL5-4	1SNA291104R2500	50	0.80
		5 poles			BJDL5-5	1SNA291105R2600	20	0.90
		10 poles			BJDL5-10	1SNA291110R2600	20	1.20
4	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

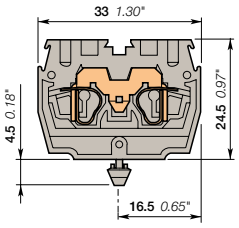
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DH2.5/5.2L spring terminal blocks
Miniblocks - 5 mm *0.197 in* spacing

	2.5 mm²
	12 AWG



DH2.5/5.2L



5 mm *0.197 in* spacing

Description
- Save space with compact angled terminal blocks,
- Easy base mounting thanks to snap in mounting foot,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	DH2.5/5.2L	1SNA290261R1400		100	4.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²	*26-12 AWG*	
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

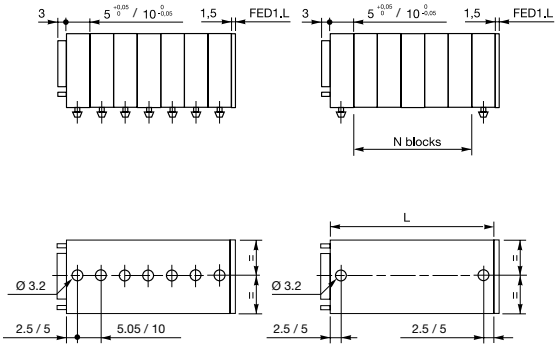
Mounting instructions

Rail		
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



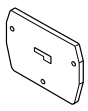
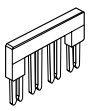
For 10 mm blocks, mount a DH block every 4 blocks.
For 5 mm blocks, mount a DH block every 8 blocks.

N blocks = 8 blocks max with 5 mm spacing
N blocks = 4 blocks max with 10 mm spacing

L = (N blocks x 5.05) + (N blocks x 10)
Panel thickness: 0.6 to 1.2 mm 0.024 to 0.047 in

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End sections**	1.5 mm	*0.059 in*	Grey	FED1.L	1SNA291301R0200		20	1.40
		4 mm	*0.157 in*		FED2.L	1SNA291311R2300		20	1.90
2	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
3	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

1  2 

3 

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

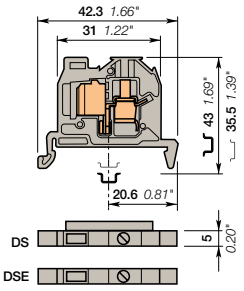
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162099S0201 - Rev. A

DS2.5/5.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 5 mm *0.197 in* spacing



DS2.5/5.ADO



5 mm *0.197 in* spacing

1 mm²	
18 AWG	

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DS2.5/5.ADO	1SNA399514R2300		100	4.00
	Without rib for TB assembly extremity	Grey ☐	DSE2.5/5.ADO	1SNA399518R0700		20	4.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²	*24-18 AWG*	
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		13.5 A / 1 mm²	*10 A / 18 AWG*	
Rated short-time withstand current (1s)		120 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

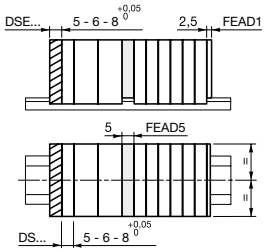
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

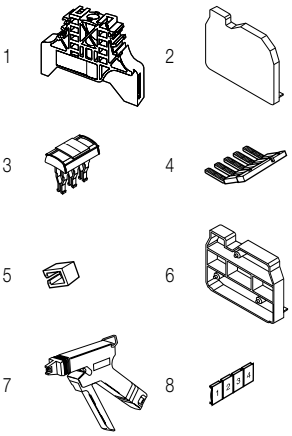
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD1	1SNA199421R1600		20	1.30
3	**Jumper bars**	2 poles	13.5 A	Orange ☐	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
4	**Lateral jumper bars**	2 poles	30 A	Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles			PC5-10	1SNA113544R1200		10	6.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
6	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

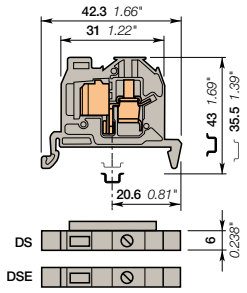
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DS4/6.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 6 mm *0.236 in* spacing

	1.5 mm²
	16 AWG



DS4/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DS4/6.ADO	1SNA299489R0700		100	5.00
	Without rib for TB assembly extremity	Grey ☐	DSE4/6.ADO	1SNA299556R0100		20	5.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

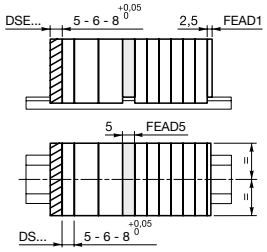
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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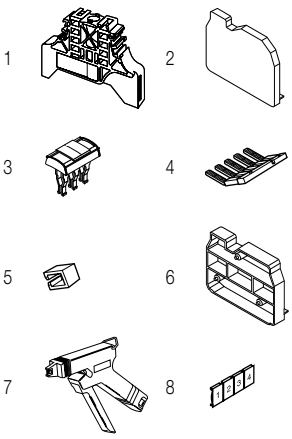
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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD1	1SNA199421R1600		20	1.30
3	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Lateral jumper bars**	2 poles	35 A	Grey ☐	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	1.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
6	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block Markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

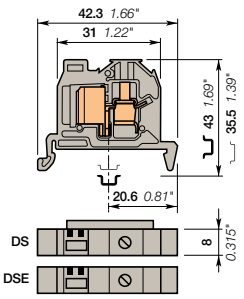
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163028S0201 - Rev. A

DS4/8.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 8 mm *0.315 in* spacing



DS4/8.ADO



8 mm *0.315 in* spacing

2.5 mm²
14 AWG

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With rib and 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	DS4/8.ADO	1SNA299493R2300	100	7.00
	Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	DSE4/8.ADO	1SNA299557R0200	20	7.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

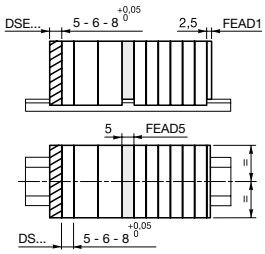
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

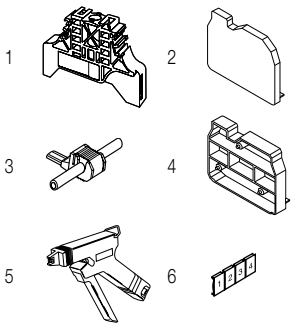
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

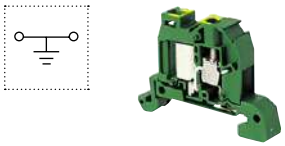
RoHS RoHS · USR CNR · Gost R

Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.





Accessories

	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEAD1	1SNA199421R1600	20	1.30
3	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
4	**Circuit separators**	5 mm	*0.197 in*	Grey	FEAD5	1SNA199433R1200	20	1.80
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
6	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

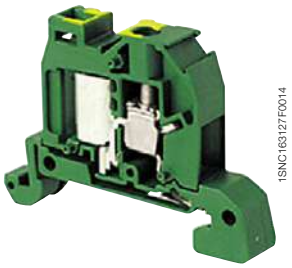
Ground IDC terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DS4/8.ADO	Green-yellow	DS4/8.P.ADO	1SNA199527R1000	100	8.00

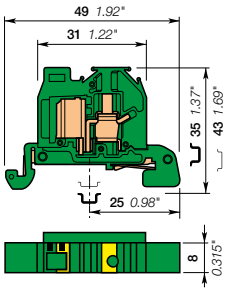
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DS4/8.P.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 8 mm *0.315 in* spacing





DS4/8.P.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	With 2 notches for wire size 1-2.5 mm² (*16-14 AWG*)	Green-yellow	DS4/8.P.ADO	1SNA199527R1000		100	8.00

Main technical data

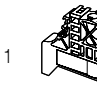
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²		
	Flexible			
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible			
	with insulated ferrule			
	Gauge	A4		
Rated cross section		2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

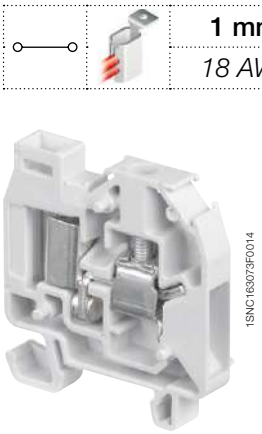
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
3	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

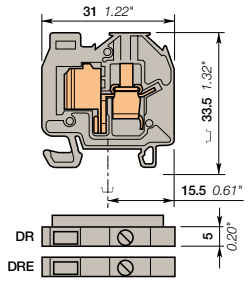
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163030S0201 - Rev. A

DR2.5/5.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 5 mm *0.197 in* spacing



DR2.5/5.ADO



5 mm *0.197 in* spacing



Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DR2.5/5.ADO	1SNA399509R1700		100	4.00
	Without rib for TB assembly extremity	Grey ☐	DRE2.5/5.ADO	1SNA399513R2200		20	4.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²	*24-18 AWG*	
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		13.5 A / 1 mm²	*10 A / 18 AWG*	
Rated short-time withstand current (1s)		120 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

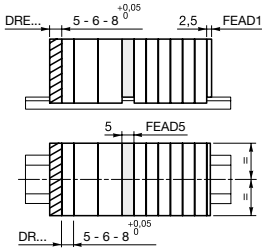
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

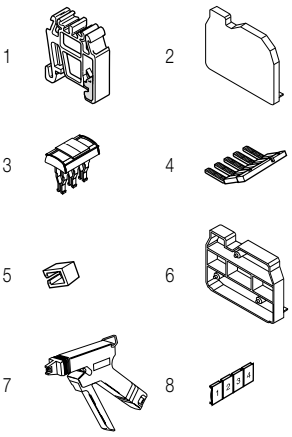
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.



Accessories

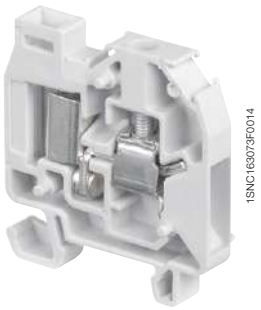
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD1	1SNA199421R1600		20	1.30
3	**Jumper bars**	2 poles	13.5 A	Orange ☐	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
4	**Lateral jumper bars**	2 poles	30 A	Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles			PC5-10	1SNA113544R1200		10	6.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
6	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

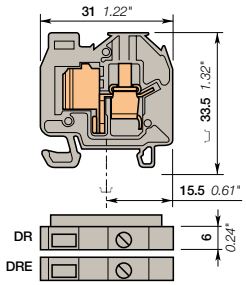
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DR4/6.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 6 mm *0.236 in* spacing





DR4/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DR4/6.ADO	1SNA199275R0300		100	5.00
	Without rib for TB assembly extremity	Grey ☐	DRE4/6.ADO	1SNA299552R0500		20	5.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

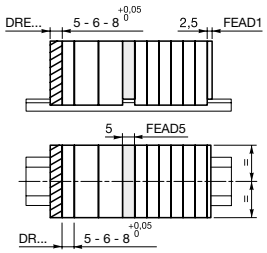
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

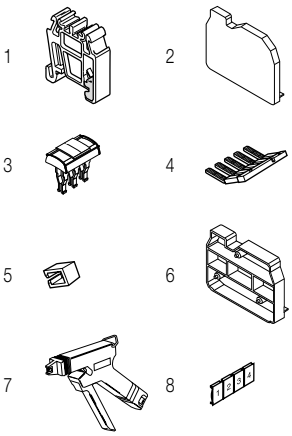
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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



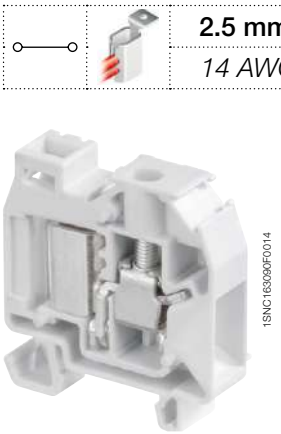
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD1	1SNA199421R1600		20	1.30
3	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Lateral jumper bars**	2 poles	35 A	Grey ☐	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	1.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
5	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
6	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

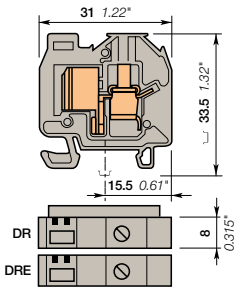
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163032S0201 - Rev. A

DR4/8.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 8 mm *0.315 in* spacing



DR4/8.ADO



8 mm *0.315 in* spacing

2.5 mm²
14 AWG

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With rib and 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	DR4/8.ADO	1SNA199279R1700	100	7.00
	Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	DRE4/8.ADO	1SNA299553R0600	20	7.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

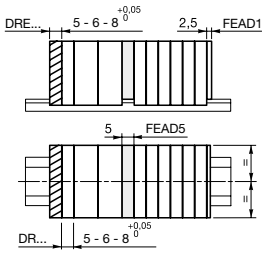
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

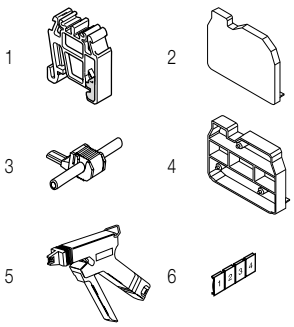
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Notes



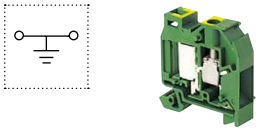
- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100	50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEAD1	1SNA199421R1600	20	1.30
3	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
4	**Circuit separators**	5 mm	*0.197 in*	Grey	FEAD5	1SNA199433R1200	20	1.80
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
6	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground IDC terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DR4/8.ADO	Green-yellow	DR4/8.P.ADO	1SNA299632R0500	100	8.00

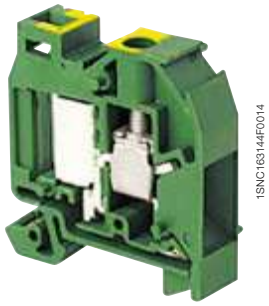
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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1SNC163033S0201 - Rev. A

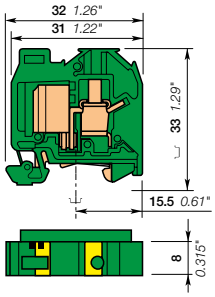
DR4/8.P.ADO IDC Terminal Blocks
Miniblocks ADO - screw clamp - 8 mm *0.315 in* Spacing





DR4/8.P.ADO

6



8 mm *0.315 in* Spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering Details

Description		Color	Type	Order Code		Pkg pce	Weight (1 pce) g
Ground	Ground with 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Green-Yellow	DR4/8.P.ADO	1SNA299632R0500		100	8.00

Main Technical Data

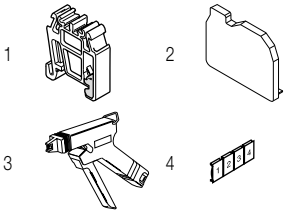
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²		
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated cross section		2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Protection			*NEMA*	

Mounting Instructions

Rail		TH 15-5.5
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description		Color	Type	Order Code		Pkg pce	Weight (1 pce) g
1	**End Stops**	6.5 mm *0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End Sections**	2.5 mm *0.098 in*	Grey	FEAD1	1SNA199421R1600		20	1.30
3	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400		1	205.00
		Hand tool		OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

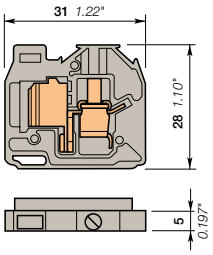
1SNC163034S0201 - Rev. A

DB2.5/5.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 5 mm *0.197 in* spacing

1 mm²
18 AWG



DB2.5/5.ADO



5 mm *0.197 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Easy base mounting thanks to the usage of flanges.
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	DB2.5/5.ADO	1SNA399519R0000		100	4.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²	*24-18 AWG*	
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		13.5 A / 1 mm²	*10 A / 18 AWG*	
Rated short-time withstand current (1s)		120 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

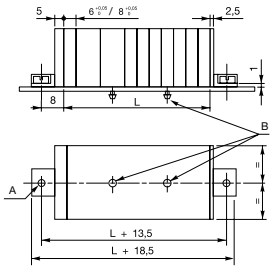
Mounting instructions

Rail		
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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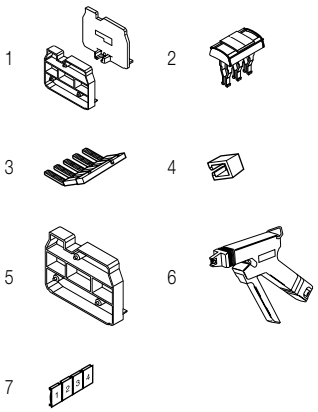
A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).

L = (N blocks x 6) + (N blocks x 8)

Plate thickness 0.6 to 1.2 mm

Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End section kits**			Grey ☐	FEAD3	1SNA199437R1600		20	3.00
2	**Jumper bars**	2 poles	13.5 A	Orange ☐	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
3	**Lateral jumper bars**	2 poles	30 A	Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles			PC5-10	1SNA113544R1200		10	6.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White ☐	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

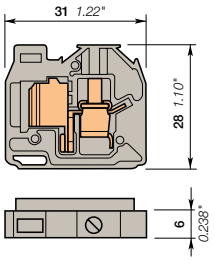
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DB4/6.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 6 mm *0.236 in* spacing





DB4/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Easy base mounting thanks to the usage of flanges.
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	DB4/6.ADO	1SNA299505R0700		100	5.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²	*22-16 AWG*	
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

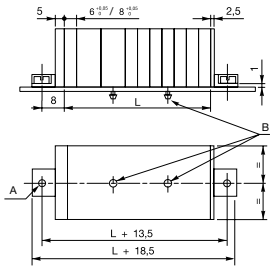
Mounting instructions

Rail		
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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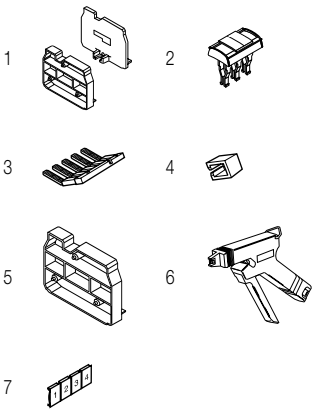
A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).

L = (N blocks x 6) + (N blocks x 8)

Plate thickness 0.6 to 1.2 mm

Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End section kits**			Grey ☐	FEAD3	1SNA199437R1600		20	3.00
2	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
3	**Lateral jumper bars**	2 poles	35 A	Grey ☐	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	1.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

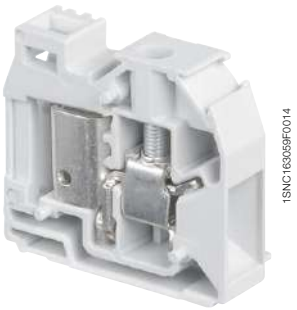
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

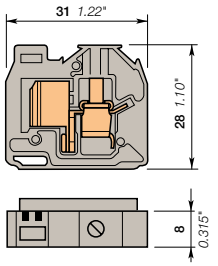
1SNC163036S0201 - Rev. A

DB4/8.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 8 mm *0.315 in* spacing





DB4/8.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Easy base mounting thanks to the usage of flanges.
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey ☐	DB4/8.ADO	1SNA299509R1300		100	7.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

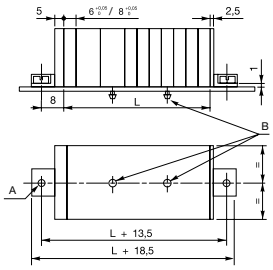
Mounting instructions

Rail		
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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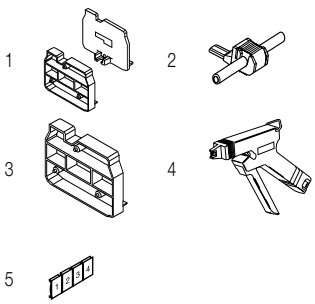
A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).

L = (N blocks x 6) + (N blocks x 8)

Plate thickness 0.6 to 1.2 mm

Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End section kits**			Grey ☐	FEAD3	1SNA199437R1600		20	3.00
2	**Jumper bars**	1 poles	24 A	Grey ☐	AD2.5	1SNA114205R2000		50	1.60
3	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

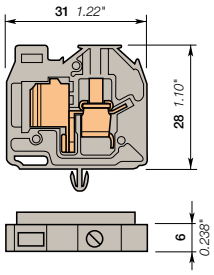
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DH4/6.ADO IDC terminal blocks
Miniblocks ADO - screw clamp - 6 mm *0.236 in* spacing





DH4/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allow installators to connect on standard screw clamp,
- Easy base mounting thanks to snap in mounting foot,
- Up to 2 wires per connection in the ADO System® connection.

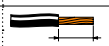
Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	DH4/6.ADO	1SNA299521R2600		100	5.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-10 AWG*	
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

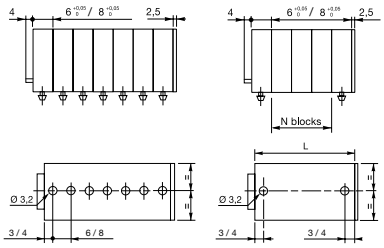
Mounting instructions

Rail		
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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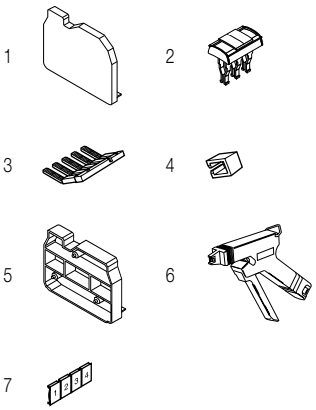


L = (N blocks x 6) + (N blocks x 8)

N blocks = 3 blocks max. with 6 mm spacing
2 blocks max. with 8 mm spacing

Plate thickness 0.6 to 1.2 mm

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End section**			Grey ☐	FEAD1	1SNA199421R1600		20	1.30
2	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
3	**Lateral jumper bars**	2 poles	35 A	Grey ☐	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	1.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD5	1SNA199433R1200		20	1.80
6	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
7	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
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All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

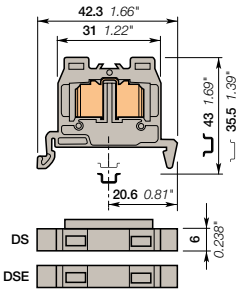
1SNC163038S0201 - Rev. A

DS1.5/6.ADO IDC terminal blocks
Miniblocks ADO - ADO - 6 mm *0.236 in* spacing





DS1.5/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DS1.5/6.ADO	1SNA299497R2700		100	4.00
	Without rib for TB assembly extremity	Grey ☐	DSE1.5/6.ADO	1SNA299558R1300		20	4.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

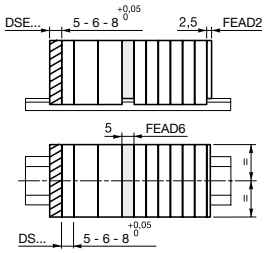
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

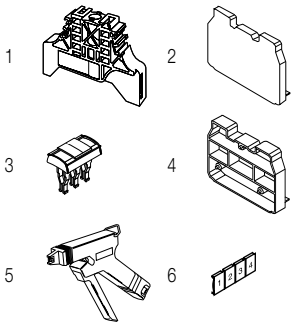
RoHS RoHS · USR CNR · Gost R

Notes



- End section FEAD2 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: It reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD6 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD2	1SNA199423R1000		20	1.30
3	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD6	1SNA199435R1400		20	1.80
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
6	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

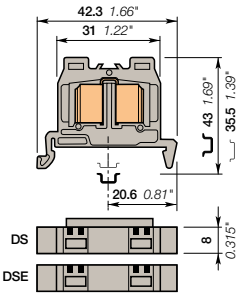
1SNC163063S0201 Rev. A

DS2.5/8.ADO IDC terminal blocks
Miniblocks ADO - ADO - 8 mm *0.315 in* spacing





DS2.5/8.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib and 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	DS2.5/8.ADO	1SNA299501R0300		100	6.00
	Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey	DSE2.5/8.ADO	1SNA299559R1400		20	6.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

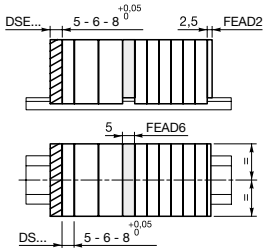
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

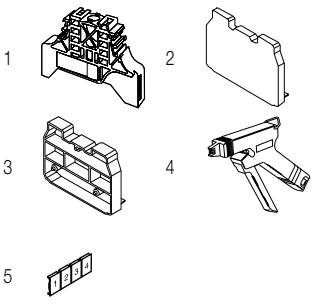
RoHS RoHS cCSAus Gost R

Notes



- End section FEAD2 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: It reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD6 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEAD2	1SNA199423R1000		20	1.30
3	**Circuit separators**	5 mm	*0.197 in*	Grey	FEAD6	1SNA199435R1400		20	1.80
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DS2.5/8.ADO	Green-yellow	DS2.5/8.P.ADO	1SNA199528R2100		100	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

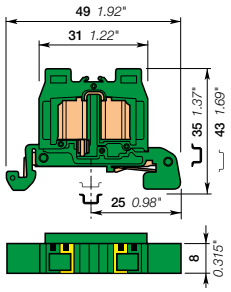
1SNC163064S0201 - Rev. A

DS2.5/8.P.ADO IDC terminal blocks
Miniblocks ADO - ADO - 8 mm *0.315 in* spacing





DS2.5/8.P.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	With 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Green-yellow	DS2.5/8.P.ADO	1SNA199528R2100		100	10.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated cross section		2.5 mm²	*14 AWG*	
Rated short-time withstand current (1s)		300 A		
Protection		IP20	*NEMA 1*	

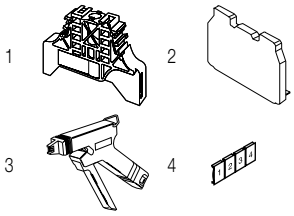
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS cCSAus Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEAD2	1SNA199423R1000		20	1.30
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

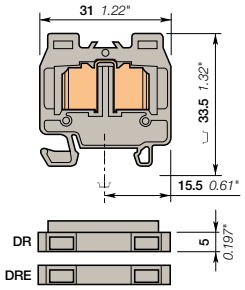
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DR1/5.ADO IDC terminal blocks
Miniblocks ADO - ADO - 5 mm *0.197 in* spacing

		1 mm²
		18 AWG



DR1/5.ADO



5 mm *0.197 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DR1/5.ADO	1SNA399491R2500		100	3.00
	Without rib for TB assembly extremity	Grey ☐	DRE1/5.ADO	1SNA399495R2100		20	3.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²	*24-18 AWG*	
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		13.5 A / 1 mm²	*10 A / 18 AWG*	
Rated short-time withstand current (1s)		120 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

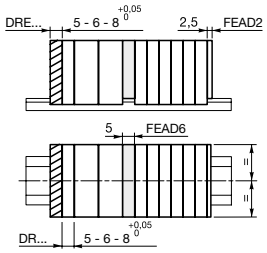
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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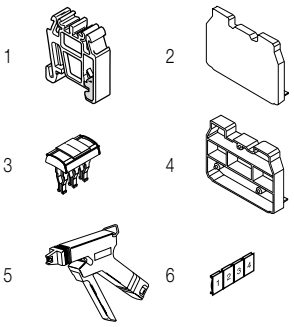
RoHS RoHS · USR CNR · Gost R

Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD2	1SNA199423R1000		20	1.30
3	**Jumper bars**	2 poles	13.5 A	Orange ☐	BJADO5-2	1SNA205955R0300		20	1.00
		3 poles			BJADO5-3	1SNA205956R0400		20	1.00
		10 poles			BJADO5-10	1SNA205963R0300		10	5.00
4	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD6	1SNA199435R1400		20	1.80
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
6	**Terminal block markers**	Blank card		White ☐	RC55	1SNA230000R1200		1	2.90

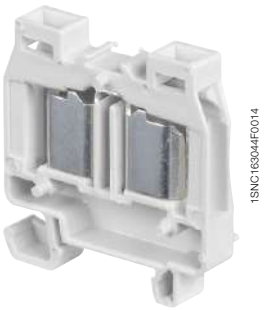
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

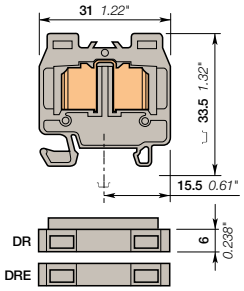
1SNC163066S0201 - Rev. A

DR1.5/6.ADO IDC terminal blocks
Miniblocks ADO - ADO - 6 mm *0.236 in* spacing





DR1.5/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey ☐	DR1.5/6.ADO	1SNA199283R2400		100	4.00
	Without rib for TB assembly extremity	Grey ☐	DRE1.5/6.ADO	1SNA299554R0700		20	4.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²	*22-16 AWG*	
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

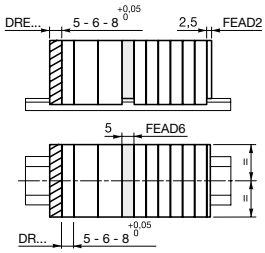
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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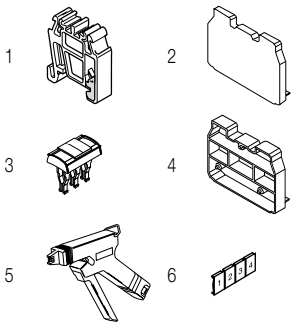
RoHS cCSAus Gost R

Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey ☐	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD2	1SNA199423R1000		20	1.30
3	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD6	1SNA199435R1400		20	1.80
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
6	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

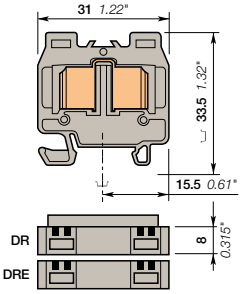
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DR2.5/8.ADO IDC terminal blocks
Miniblocks ADO - ADO - 8 mm *0.315 in* spacing





DR2.5/8.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With rib and 2 notches for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	DR2.5/8.ADO	1SNA199287R2000		100	6.00
	Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	DRE2.5/8.ADO	1SNA299555R0000		20	6.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²	*16-14 AWG*	
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	
Rated short-time withstand current (1s)		8000 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

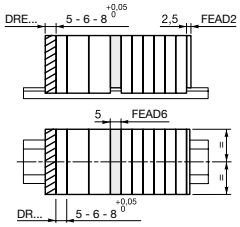
Mounting instructions

Rail		TH 15-5.5
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

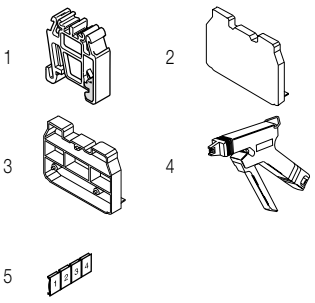
RoHS RoHS cCSAus Gost R

Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidently located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEAD2	1SNA199423R1000		20	1.30
3	**Circuit separators**	5 mm	*0.197 in*	Grey	FEAD6	1SNA199435R1400		20	1.80
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Ground IDC terminal blocks

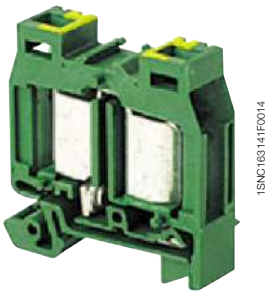
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with DR2.5/8.ADO	Green-yellow	DR2.5/8.P.ADO	1SNA299633R0600		100	8.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

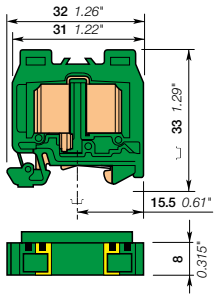
1SNC163068S0201 - Rev. A

DR2.5/8.P.ADO IDC terminal blocks
Miniblocks ADO - ADO - 8 mm *0.315 in* spacing





DR2.5/8.P.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	With 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Green-yellow	DR2.5/8.P.ADO	1SNA299633R0600		100	8.00

Main technical data

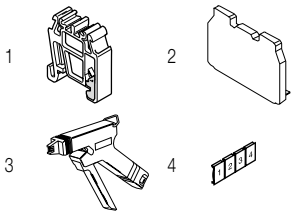
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated cross section		2.5 mm²	*14 AWG*	
Rated short-time withstand current (1s)		300 A		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 15-5.5
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	6.5 mm	*0.256 in*	Grey	BADRL	1SNA199420R2100		50	2.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEAD2	1SNA199423R1000		20	1.30
3	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card			RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

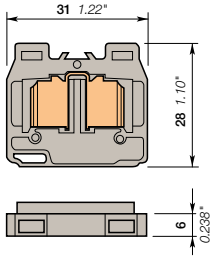
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DB1.5/6.ADO IDC terminal blocks
Miniblocks ADO - ADO - 6 mm *0.236 in* spacing





DB1.5/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Easy base mounting thanks to the usage of flanges,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	DB1.5/6.ADO	1SNA299513R2600		100	4.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

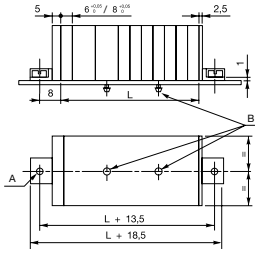
Mounting instructions

Rail	
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



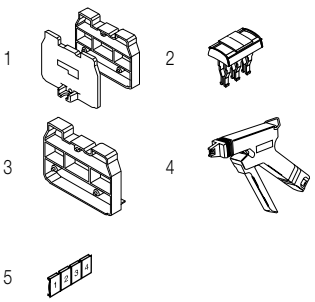
A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).

L = (N blocks x 6) + (N blocks x 8)

Plate thickness 0.6 to 1.2 mm

Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6mm)

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End section kits**			Grey ☐	FEAD4	1SNA199439R2000		20	3.00
2	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
3	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD6	1SNA199435R1400		20	1.80
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

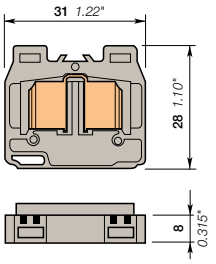
1SNC163070S0201 Rev. A

DB2.5/8.ADO IDC terminal blocks
Miniblocks ADO - ADO - 8 mm *0.315 in* spacing





DB2.5/8.ADO



8 mm *0.315 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Easy base mounting thanks to the usage of flanges,
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 notches for wire size 1-2.5 mm² *(16-14 AWG)*	Grey ☐	DB2.5/8.ADO	1SNA299517R2200		100	6.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		24 A / 2.5 mm²	*25 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		800 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

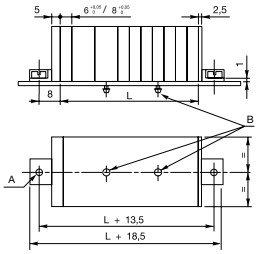
Mounting instructions

Rail	
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



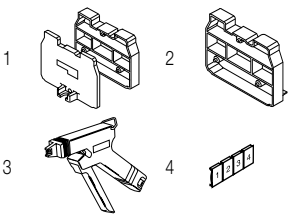
A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).

L = (N blocks x 6) + (N blocks x 8)

Plate thickness 0.6 to 1.2 mm

Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End section kits**		Grey ☐	FEAD4	1SNA199439R2000		20	3.00
2	**Circuit separators**	5 mm *0.197 in*	Grey ☐	FEAD6	1SNA199435R1400		20	1.80
3	**Tools**	Semi automatic tool		OUPAD	1SNA178944R0400		1	205.00
		Hand tool		OUMAD	1SNA179466R0600		1	29.00
4	**Terminal block markers**	Blank card		RCAL85	1SNA237000R0500		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

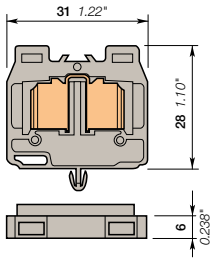
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DH1.5/6.ADO IDC terminal blocks
Miniblocks ADO - ADO - 6 mm *0.236 in* spacing





DH1.5/6.ADO



6 mm *0.236 in* spacing

Description
- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Easy base mounting thanks to snap in mounting foot,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	DH1.5/6.ADO	1SNA299529R0600	100	4.00

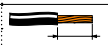
Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		17.5 A / 1.5 mm²	*20 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		1000 V	*600 V*	
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail

Wire stripping length



Tool

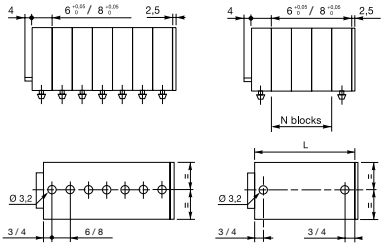
Torque



The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes

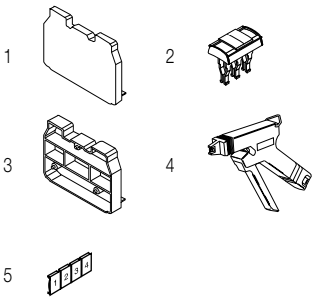


L = (N blocks x 6) + (N blocks x 8)

N blocks = 3 blocks max. with 6 mm spacing
2 blocks max. with 8 mm spacing

Plate thickness 0.6 to 1.2 mm

Accessories

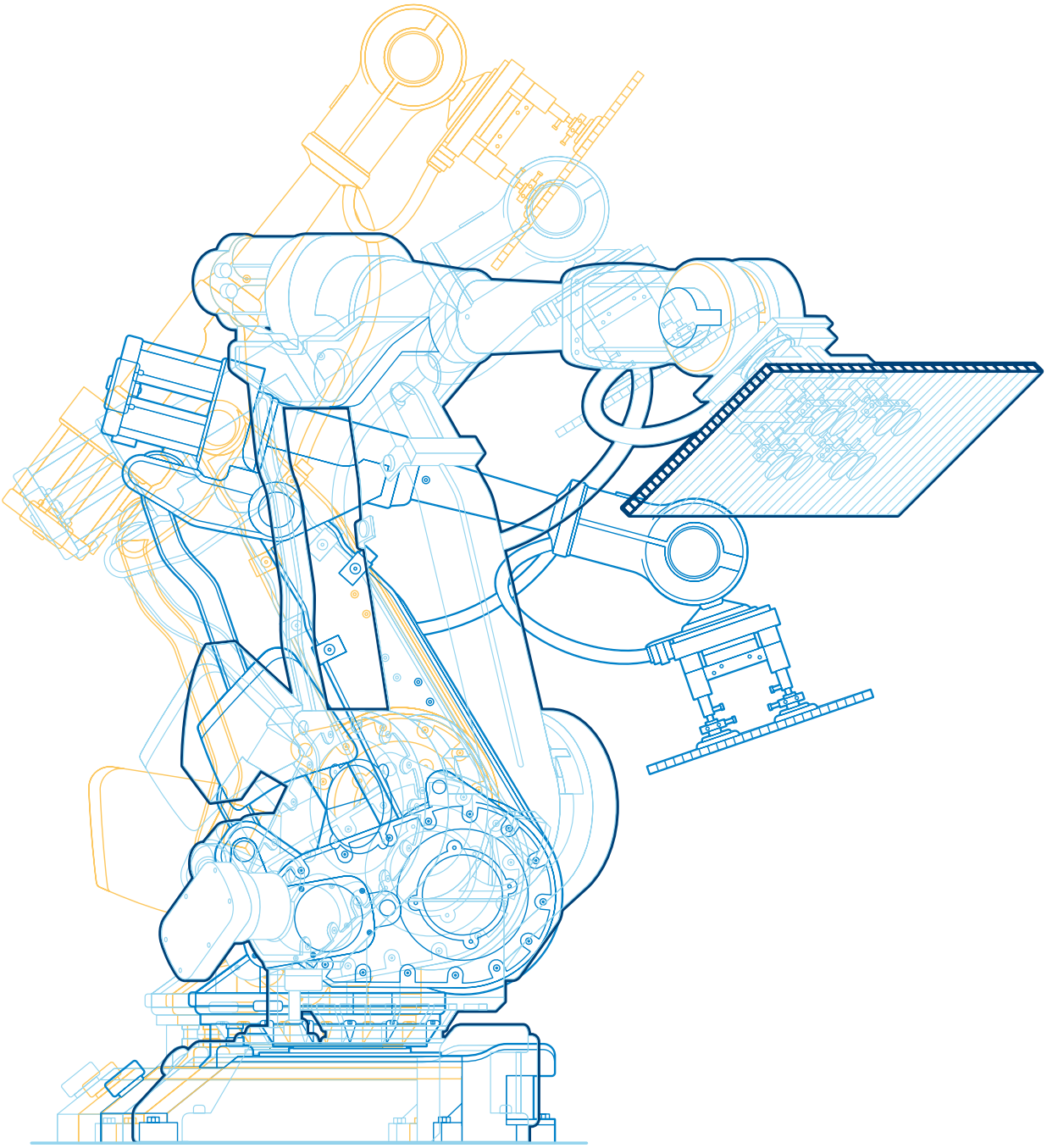


	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FEAD2	1SNA199423R1000	20	1.30
2	**Jumper bars**	2 poles	17.5 A	Orange ☐	BJADO6-2	1SNA205974R0600	20	1.00
		3 poles			BJADO6-3	1SNA205975R0700	20	1.00
		10 poles			BJADO6-10	1SNA205982R2700	10	6.00
3	**Circuit separators**	5 mm	*0.197 in*	Grey ☐	FEAD6	1SNA199435R1400	20	1.80
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400	1	205.00
		Hand tool			OUMAD	1SNA179466R0600	1	29.00
5	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

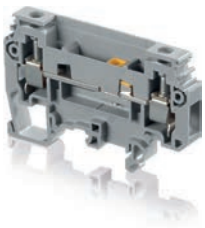
1SNC163072S0201 - Rev. A

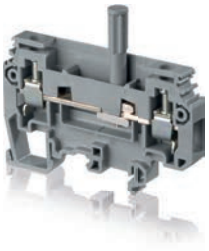




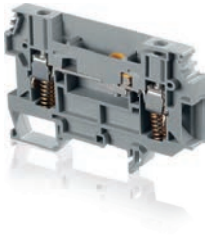
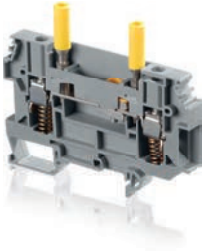
1SNC160100S0201

Solution series, terminal blocks
Test & measurement







Technologies presentation 148
Overview 150

Screw clamp technology

Test disconnect with screwdriver sliding link

6 mm² / 8 AWG	**M6/8.ST**		151
	M6/8.ST1	With test	152
	M6/8.ST1.IP20	With insulated test sockets	153
	M6/8.ST3	With insulated rod	154
	M6/8.ST7	Feed-through	155
	M6/8.STA	With test	156

Test disconnect with blade

6 mm² / 8 AWG	**D6/10.SNBTB1**		157
	D6/10.SNBTB2	With test	158

Test disconnect with plug

4 mm² / 12 AWG	**M4/6.ST**		159
10 mm² / 8 AWG	**M10/10.ST-Sn**		160

Spring loaded screw clamp technology

Test disconnect with screwdriver sliding link

6 mm² / 12 AWG	**M6/8.ST.RS**		161
	D6/8.ST1.RS.IP20	With insulated test sockets	162

7

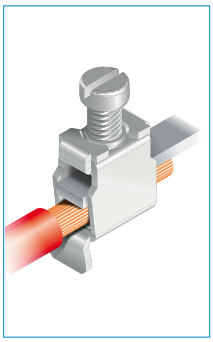
1SNC160100S0201

Solution series, terminal blocks
Test & measurement
Screw clamp technology



Secure your measurement operations

Our test & measurement terminal blocks benefit from our long experience in the energy applications.
A large choice of accessories make the test & measurement operation easy and secure.



RoHS ISO 9001 ISO 14001

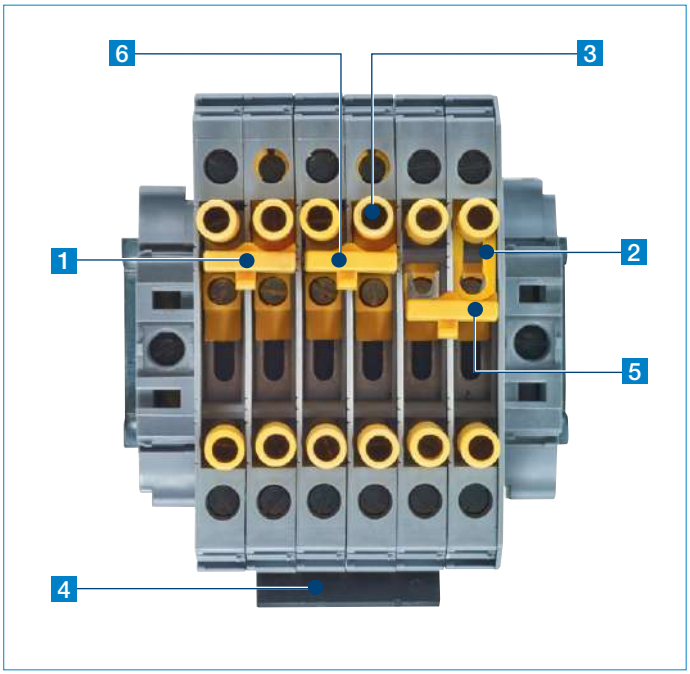
A large choice of combinations and accessories

1 Short-circuit CT circuits safely and conveniently
ABB's insulated short-circuit bridge allows secured short-circuit position thanks to AJS9 test sockets tightening.
2 Adapted hook shape maintains the bridge on terminal block in the non connected position.

3 Test your circuits with flexibility using AJS9 test sockets
The insulated test sockets AJS9 are available in 6 colors for convenient circuit identification.
They are compatible with standard DIA. 4 mm test plugs (IEC 60010-031).
Fully operated by screwdriver (DIA. 3.5 mm).

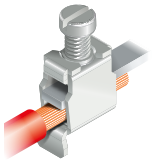
4 Convenient circuit distribution with lateral jumpers
ABB provides a whole set of lateral jumpers adapted to the various circuit configurations of our customers.

Secure your disconnect operation during short-circuiting
5 In non short-circuited position:
– The short circuiting bridge is opened. For security purpose, the access to the disconnect sliding unit is blocked (in closed position).
6 In short-circuited position:
– The short circuiting bridge is first positioned, authorizing access to the disconnect sliding unit for opening the circuit.

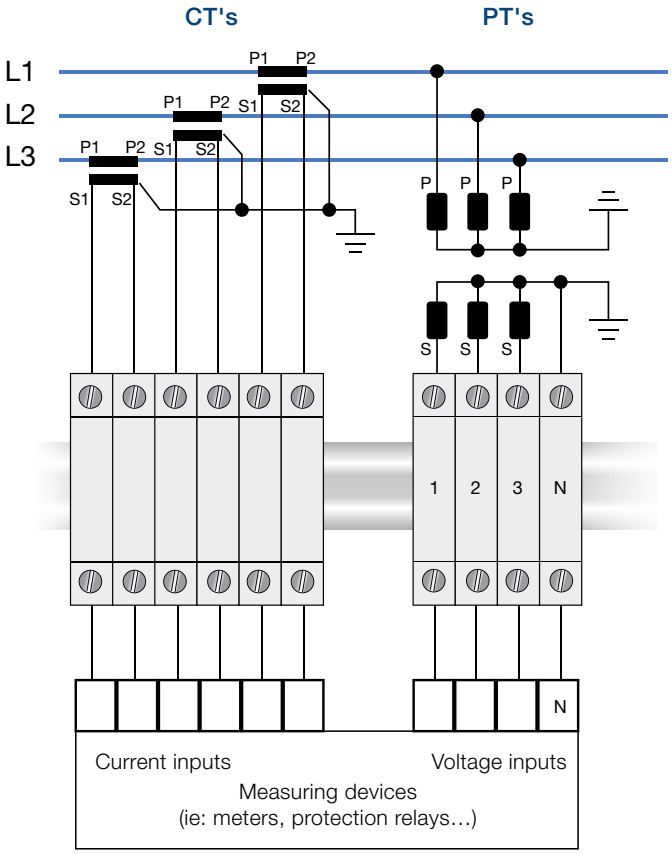


1SNC161164S0201

Solution series, terminal blocks
Test & measurement
Typical schematic for measuring devices



Common point on the transformers



1SNC161165S0201

Solution series, terminal blocks
Test & measurement

Screw clamp technology






Section		Test disconnect with screwdriver sliding link		Test disconnect with insulated rod sliding link	Feed-through
IEC	*UL/CSA*				
6 mm²	*8 AWG*	**M6/8.ST** 6 mm *0.236 in*	**M6/8.ST1.IP20** 6 mm *0.236 in*	**M6/8.ST3** 8 mm *0.315 in*	**M6/8.ST7** 8 mm *0.315 in*





Section		Test disconnect with screwdriver sliding link	Test disconnect with blade	Test disconnect with plug
IEC	*UL/CSA*			
4 mm²	*12 AWG*			**M4/6.ST** 6 mm *0.236 in*
6 mm²	*8 AWG*	**M6/8.STA** 6 mm *0.236 in*	**D6/10.SNBTB** 10 mm *0.394 in*	
10 mm²	*8 AWG*			**M10/10.ST-Sn** 10 mm *0.394 in*

Spring loaded screw clamp technology




Section		Test disconnect with screwdriver sliding link	
IEC	*UL/CSA*		
6 mm²	*12 AWG*	**M6/8.ST.RS** 8 mm *0.315 in*	**D6/8.ST1.RS.IP20** 8 mm *0.315 in*

All the technical data for UL/CSA standard and dimensions in inches are in italic.

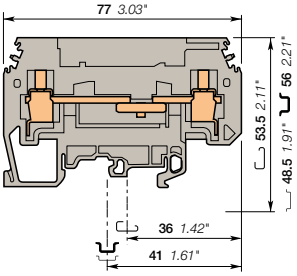
1SNC161163S0201

M6/8.ST screw clamp terminal blocks
Test disconnect with a screwdriver sliding link
8 mm *0.315 in* spacing





M6/8.ST



8 mm *0.315 in* spacing

Description

Secure your disconnect operations with the disconnect sliding link operated with a screwdriver.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey ☐	M6/8.ST	1SNA115236R1700	25	30.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*18 - 8 AWG*	*18-8 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 8 AWG*	30 A / *8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		630 V	*150 V*	*150 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

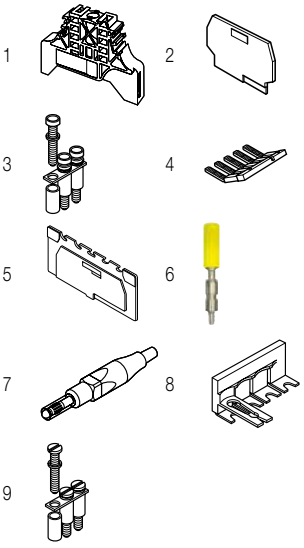
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.51 in*
Screw clamp Tool		Flat screwdriver Ø 5 mm *Ø 0.197 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

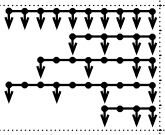
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE · RoHS · USR · CSA · Gost R

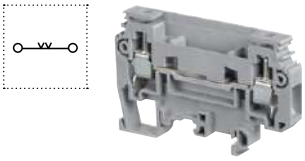
7

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**		*0.394 in*	Grey ☐	BAM2	1SNA206351R1600	50	12.00
			0.354 in		BADL	1SNA399903R0200	50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEMT2	1SNA113629R2700	10	2.00
3	**Jumper bars**	20 poles	41 A		BJS8-20	1SNA174789R0500	5	3.20
4	**Lateral jumper bars**	50 A		Black ■	PC8-10	1SNA163313R2400	10	14.00
					PC8-R1	1SNA400711R0600	10	6.60
					PC8-R2	1SNA400712R0700	10	7.84
					PC8-R3	1SNA400713R0000	10	9.00
					PC8-R4	1SNA400724R0300	10	4.50
5	**Circuit separators**	3 mm	*0.118 in*	Grey ☐	SCFT2	1SNA114522R0500	20	
6	**Test sockets**	DIA 4 mm	*0.157 in* IP20	Yellow ■	AJS9	1SNA179726R0200	25	5.00
				Black ■	AJS9-1	1SNA206680R1500	25	3.60
				Green ■	AJS9-2	1SNA206681R0200	25	3.60
				Grey ☐	AJS9-3	1SNA206682R0300	25	3.60
				Blue ■	AJS9-4	1SNA206683R0400	25	3.60
				Red ■	AJS9-5	1SNA206720R1400	25	3.60
		DIA 4 mm	*0.157 in*		AL4-M3	1SNA206721R0100	50	1.10
7	**Test plugs**	DIA 4 mm	*0.157 in* IP20	Red ■	FC4-1	1SNA167927R1000	10	11.00
8	**Short circuit bridges**	2 poles		Yellow ■	SC-JB8-2	1SNK900652R0000	25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000	25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000	25	4.70
9	**Fastening kits**	Sub assembly post + screw + washer			EV8S	1SNA168401R0300	20	3.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with M6/8.ST...	Grey ☐	M6/8.ST7	1SNA115243R2600	25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161055S0201 - Rev. A

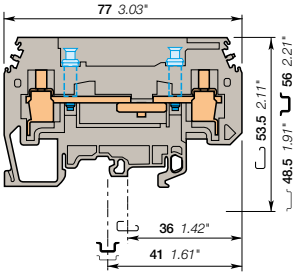
M6/8.ST screw clamp terminal blocks
Test disconnect with a screwdriver sliding link
8 mm *0.315 in* spacing



6 mm²
8 AWG



M6/8.ST



8 mm *0.315 in* spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the 2 independent built-in test sockets compatible with DIA 4 mm *0.157 in* test plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 4 mm *0.157 in*	Grey ☐	M6/8.ST1	1SNA115237R1000		25	30.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*18 - 8 AWG*	*18-8 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 8 AWG*	30 A / *8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		630 V	*150 V*	*150 V*
Impulse withstand voltage				
Protection			*NEMA*	

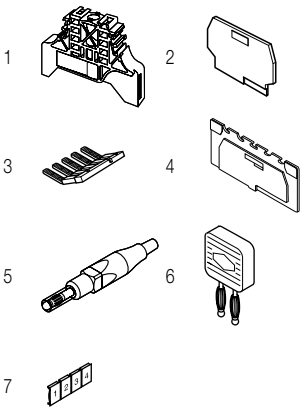
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.51 in*
Screw clamp Tool		Flat screwdriver Ø 5 mm *Ø 0.197 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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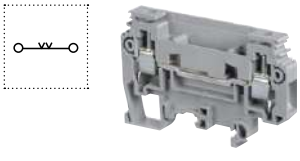
CE RoHS USR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEMT2	1SNA113629R2700		10	2.00
3	**Lateral jumper bars**	50 A		Black ■	PC8-10	1SNA163313R2400		10	14.00
					PC8-R1	1SNA400711R0600		10	6.60
					PC8-R2	1SNA400712R0700		10	7.84
					PC8-R3	1SNA400713R0000		10	9.00
					PC8-R4	1SNA400724R0300		10	4.50
4	**Circuit separators**	3 mm	*0.118 in*	Grey ☐	SCFT2	1SNA114522R0500		20	
5	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red ■	FC4-1	1SNA167927R1000		10	11.00
6	**Short circuit plugs**	DIA 4 mm *0.157 in*			BP8.A4	1SNA173888R2000		10	
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with M6/8.ST...	Grey ☐	M6/8.ST7	1SNA115243R2600		25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

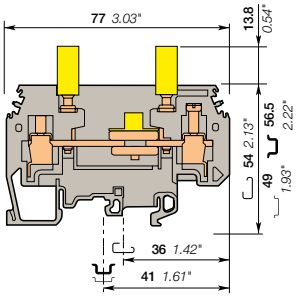
1SNC161109S0201 - Rev. A

M6/8.ST screw clamp terminal blocks
Test disconnect with a screwdriver sliding link
8 mm *0.315 in* spacing





M6/8.ST



8 mm *0.315 in* spacing

Description

– Terminal blocks especially designed for current transformers circuits:
– Easy and secured current measurement thanks to the two built-in test yellow sockets compatible with IP20 DIA 4 mm *0.157 in* test plugs,
– Convenient short-circuit operations with the PCS sliding short circuiting bridges from 2 to 4 poles,
– Tests sockets available as well in black, green, grey and blue.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With two yellow test sockets DIA 4 mm *0.157 in*	Grey ☐	M6/8.ST1.IP20	1SNA115971R1000		25	40.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 - 10 mm²	*18 - 8 AWG*	*18 - 8 AWG*
	Flexible	0.5 - 6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 8 AWG*	30 A / *8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		630 V	*150 V*	*150 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

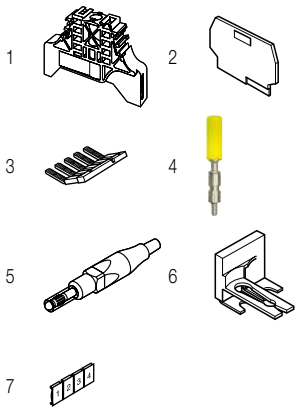
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.51 in*
Screw clamp		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Disconnect device		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.5 N.m *4.45 lb.in*
Test socket		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m *5.34 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

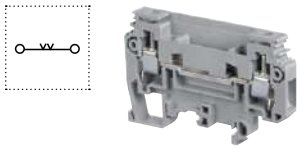
CE RoHS USR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEMT2	1SNA113629R2700		10	2.00
3	**Lateral jumper bars**	50 A		Black ■	PC8-10	1SNA163313R2400		10	14.00
					PC8-R1	1SNA400711R0600		10	6.60
					PC8-R2	1SNA400712R0700		10	7.84
					PC8-R3	1SNA400713R0000		10	9.00
					PC8-R4	1SNA400724R0300		10	4.50
4	**Test sockets**	DIA 4 mm *0.157 in* IP20		Black ■	AJS9-1	1SNA206680R1500		25	3.60
				Green ■	AJS9-2	1SNA206681R0200		25	3.60
				Grey ☐	AJS9-3	1SNA206682R0300		25	3.60
				Blue ■	AJS9-4	1SNA206683R0400		25	3.60
				Red ■	AJS9-5	1SNA206720R1400		25	3.60
5	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red ■	FC4-1	1SNA167927R1000		10	11.00
6	**Short circuit bridges**	2 poles		Yellow ■	SC-JB8-2	1SNK900652R0000		25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000		25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000		25	4.70
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

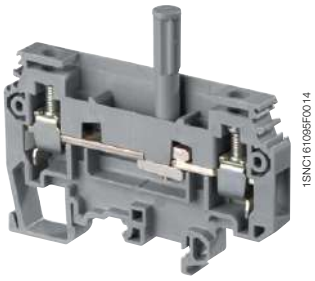
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with M6/8.ST...	Grey ☐	M6/8.ST7	1SNA115243R2600		25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

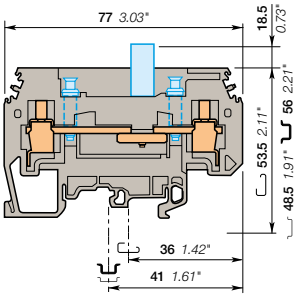
M6/8.ST screw clamp terminal blocks
Test disconnect with insulated rod sliding link
8 mm *0.315 in* spacing



6 mm²
8 AWG



M6/8.ST



8 mm *0.315 in* spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the two independent built-in test sockets compatible with DIA 4 mm *0.157 in* test plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 4 mm *0.157 in*	Grey ☐	M6/8.ST3	1SNA115239R2200		25	30.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*18 - 8 AWG*	*18-8 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 8 AWG*	30 A / *8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		630 V	*150 V*	*150 V*
Impulse withstand voltage				
Protection			*NEMA*	

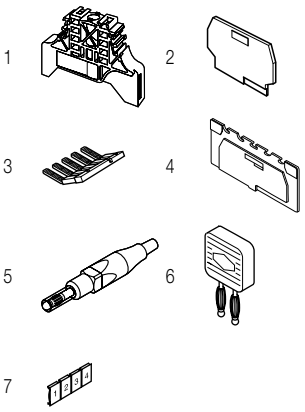
Mounting instructions

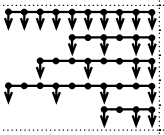
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		
Screw clamp Tool		Flat screwdriver Ø 5 mm *Ø 0.197 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm			BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEMT2	1SNA113629R2700		10	2.00
3	**Lateral jumper bars**	50 A		Black ■	PC8-10	1SNA163313R2400		10	14.00
					PC8-R1	1SNA400711R0600		10	6.60
					PC8-R2	1SNA400712R0700		10	7.84
					PC8-R3	1SNA400713R0000		10	9.00
					PC8-R4	1SNA400724R0300		10	4.50
4	**Circuit separators**	3 mm	*0.118 in*	Grey ☐	SCFT2	1SNA114522R0500		20	
5	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red ■	FC4-1	1SNA167927R1000		10	11.00
6	**Short circuit plugs**	DIA 4 mm *0.157 in*			BP8.A4	1SNA173888R2000		10	
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
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Feed-through screw clamp terminal blocks

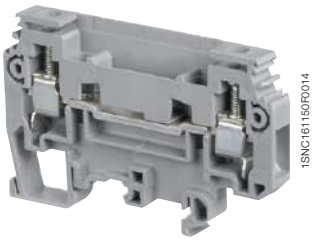
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with M6/8.ST...	Grey ☐	M6/8.ST7	1SNA115243R2600		25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

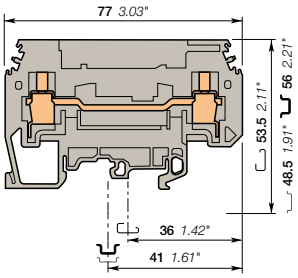
1SNC161110S0201 - Rev. A

M6/8.ST screw clamp terminal blocks
Feed-through - 8 mm *0.315 in* spacing





M6/8.ST



8 mm *0.315 in* spacing

Description
Profile aligned with M6/8 ST.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	M6/8.ST7	1SNA115243R2600	25	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*18 - 8 AWG*	*18-8 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		40 A / 6 mm²	*40 A / 8 AWG*	*40 A / 8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		630 V	*150 V*	*150 V*
Impulse withstand voltage				
Protection			*NEMA*	

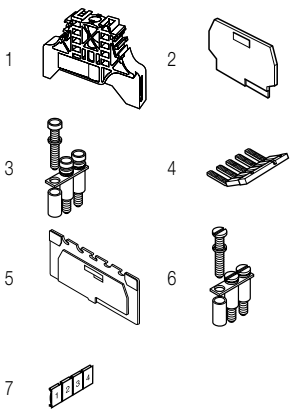
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.51 in*
Tool		Flat screwdriver Ø 5 mm *Ø 0.197 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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7



Accessories

	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEMT2	1SNA113629R2700	10	2.00
3	**Jumper bars**	20 poles	41 A		BJS8-20	1SNA174789R0500	5	3.20
4	**Lateral jumper bars**	2 poles	50 A	Black ■	PC8-2	1SNA116538R1700	10	3.00
		3 poles			PC8-3	1SNA116539R1000	10	4.00
		4 poles			PC8-4	1SNA116540R2500	10	6.00
		10 poles			PC8-10	1SNA163313R2400	10	14.00
					PC8-R1	1SNA400711R0600	10	6.60
					PC8-R2	1SNA400712R0700	10	7.84
					PC8-R3	1SNA400713R0000	10	9.00
					PC8-R4	1SNA400724R0300	10	4.50
5	**Circuit separators**	3 mm	*0.118 in*	Grey ☐	SCFT2	1SNA114522R0500	20	
6	**Fastening kits**	Sub assembly post + screw + washer			EV8S	1SNA168401R0300	20	3.00
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

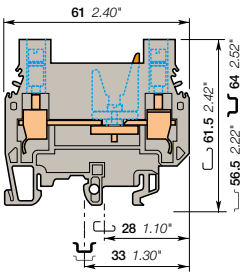
M6/8.ST screw clamp terminal blocks
Test disconnect with a screwdriver sliding link
8 mm *0.315 in* spacing



6 mm²
8 AWG



M6/8.ST



8 mm *0.315 in* spacing

Description

– Compact disconnect terminal blocks:
– Secure your disconnect operations with the disconnect orange sliding link operated with a screwdriver,
– Ease your test operations with the two built-in test sockets screws compatible with DIA 4 mm *0.157 in* test plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 4 mm *0.157 in*	Grey ☐	M6/8.STA	1SNA115359R0200		25	30.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*22 - 8 AWG*	
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		30 A / 6 mm²	*50 A / 8 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*600 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

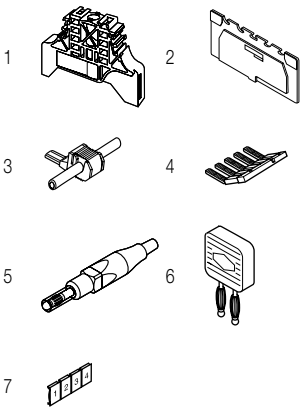
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.43 in*
Screw clamp Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey ☐	FEMT4	1SNA114778R0500		10	5.60
					FEMSTA	1SNA116979R2100		10	3.60
3	**Jumper bars**	1 poles	24 A	Grey ☐	AD2.5	1SNA114205R2000		50	1.60
4	**Lateral jumper bars**	2 poles	50 A	Black ■	PC8-2	1SNA116538R1700		10	3.00
		3 poles			PC8-3	1SNA116539R1000		10	4.00
		4 poles			PC8-4	1SNA116540R2500		10	6.00
		10 poles			PC8-10	1SNA163313R2400		10	14.00
5	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red ■	FC4-1	1SNA167927R1000		10	11.00
6	**Short circuit plugs**				BP8.A4	1SNA173888R2000		10	
7	**Terminal block markers**	Blank card		White ☐	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

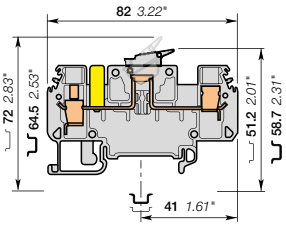
1SNC161031S0201 - Rev. A

D6/10.SNBTB screw clamp terminal blocks
Test disconnect with blade - 10 mm *0.394 in* spacing





D6/10.SNBTB



10 mm *0.394 in* spacing

Description
– Ease your disconnect operations with the disconnect blade,
– Ease your test operations with built-in test sockets compatible with DIA 4 mm *0.157 in* test plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 1 isolated test socket DIA 4 mm *0.157 in*	Grey ☐	D6/10.SNBTB1	1SNA115928R1500		20	25.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		15 A / 6 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		500 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

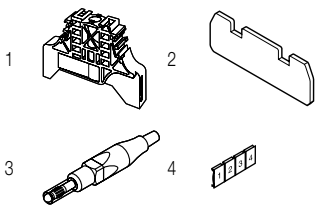
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.8 N.m *7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS Gost R

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Accessories

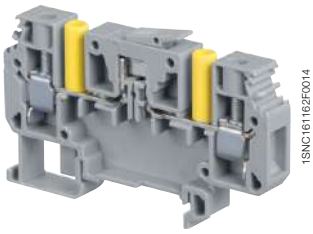
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FED10S1	1SNA215999R2100		20	3.35
3	**Test plugs**	DIA 4 mm	*0.157 in* IP20	Red ■	FC4-1	1SNA167927R1000		10	11.00
4	**Terminal block markers**	Blank card		White ☐	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

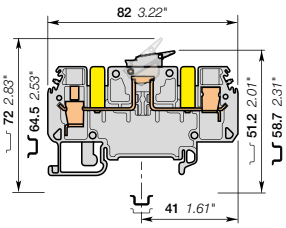
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D6/10.SNBTB screw clamp terminal blocks
Test disconnect with blade - 10 mm *0.394 in* spacing





D6/10.SNBTB



10 mm *0.394 in* spacing

Description
– Ease your disconnect operations with the disconnect blade,
– Ease your test operations with built-in test sockets compatible with DIA 4 mm *0.157 in* test plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 isolated test sockets DIA 4 mm *0.157 in*	Grey ☐	D6/10.SNBTB2	1SNA115929R1600		20	25.00

Main technical data

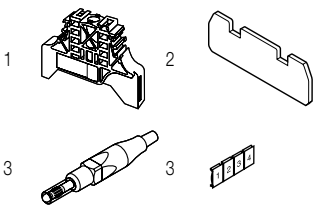
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		15 A / 6 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		500 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.8 N.m *7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2 mm	*0.079 in*	Grey ☐	FED10S1	1SNA215999R2100		20	3.35
3	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red ■	FC4-1	1SNA167927R1000		10	11.00
4	**Terminal block markers**	Blank card		White ☐	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

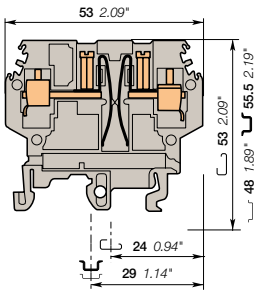
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161155S0201 - Rev. A

M4/6.ST screw clamp terminal blocks
Test disconnect with plug - 6 mm *0.236 in* spacing



M4/6.ST



6 mm *0.236 in* spacing

4 mm²
12 AWG

Description
- Test disconnect terminal blocks operated with plug,
- Dedicated "make before break" plug for current circuit (green plug) or "break before make" for voltage circuit (red plug).

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Tinned contact blades	Grey	M4/6.ST.Sn	1SNA115313R1400	20	14.00
	Gold contact blades		M4/6.ST.Au	1SNA115314R1500	20	14.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 - 4 mm²		*22-12 AWG*
	Flexible	0.5 - 4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		5 A / 4 mm²		*5 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V		*150 V*
Impulse withstand voltage				
Protection		IP10	*NEMA*	

Mounting instructions

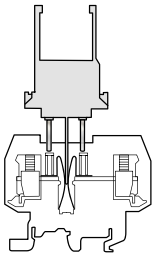
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

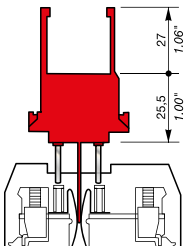
CE RoHS CSA Gost R

Utilization of each type of plug

Number of operations : 200
On request, the plugs can be replaced by an insertable printed circuit for diagnosis testing.

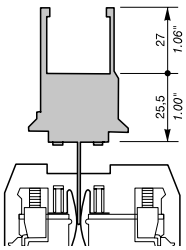


BNT1 ("voltage" plug)



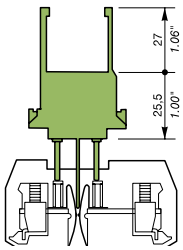
1st step: the plug cuts the circuit.
2nd step: the test circuit connection is made.

BNT2 ("polarity" plug)



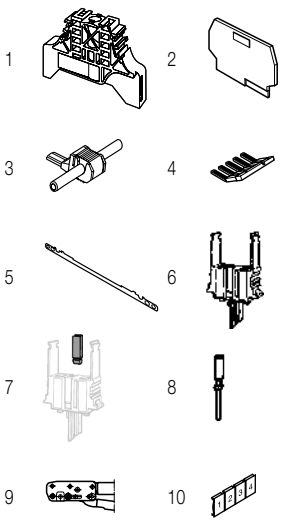
Plug not equipped with pins cuts the circuit.

BNT3 ("current" plug)



1st step : the test circuit is established
2nd step : the plug opens the circuit.

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200	50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEMT3	1SNA114328R2200	20	2.70
3	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200	10	5.00
5	**Shield connectors**				CBM5	1SNA178745R1400	50	
6	**Short circuit plugs**	"Polarity" plug		Grey	BNT2	1SNA114329R2300	20	3.00
		"Voltage" plug		Red	BNT1	1SNA199135R1700	20	8.00
		"Current" plug		Green	BNT3	1SNA199136R1000	20	8.00
7	**Assembly pins for plugs**				CVABM	1SNA183436R0500	10	0.40
8	**Pins**	0.5 mm²	*24-20 AWG*		BRC-0.5	1SNA174558R0500	10	1.40
		1 mm²	*18 AWG*		BRC-1	1SNA173906R2200	10	2.00
		1.5 mm²	*16 AWG*		BRC-1.5	1SNA173907R2300	10	2.00
		2.5 mm²	*14 AWG*		BRC-2.5	1SNA173908R0400	10	2.00
		4 mm²	*12 AWG*		BRC-4	1SNA174601R0100	10	2.00
9	**Tools**	Connecting capacity: 1 to 2.5 mm²			PSC	1SNA173181R1300	1	
10	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100	1	7.50

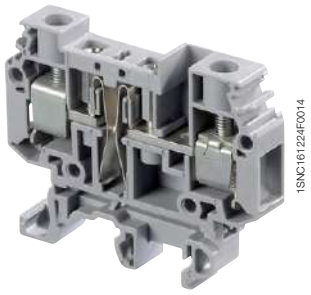
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

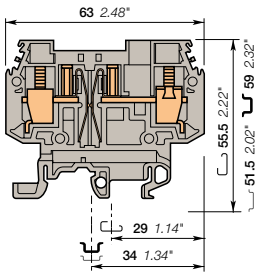
1SNC161140S0201 - Rev. A

M10/10.ST-Sn screw clamp terminal blocks
Test disconnect with plug - 10 mm *0.394 in* spacing

	10 mm²
	8 AWG



M10/10.ST-Sn



10 mm *0.394 in* spacing

Description
- Test disconnect terminal blocks operated with plug,
- Dedicated "make before break" plug for current circuit (green plug) or "break before make" for voltage circuit (red plug).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Tinned contact blades	Grey	M10/10.ST-Sn	1SNA115539R1700		20	27.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²		*8 AWG*
	Flexible	0.5-10 mm²		
	with insulated ferrule			
	Gauge	B6		
Rated current / Rated cross section		15 A / 10 mm²		*10 A / 8 AWG*
Rated short-time withstand current (1s)		1200 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

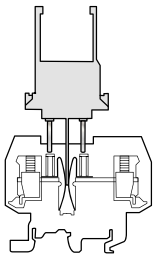
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.472 in*
Tool		Flat screwdriver Ø 5.5 - 6 mm *Ø 0.217 - 0.236 in*
Torque		1.2 - 1.4 Nm *10.6 - 12.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

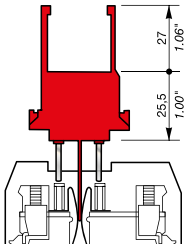
CE RoHS CSA Gost R

Utilization of each type of plug

Number of operations : 200
On request, the plugs can be replaced by an insertable printed circuit for diagnosis testing.

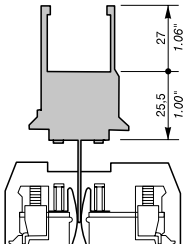


BNT1 ("voltage" plug)



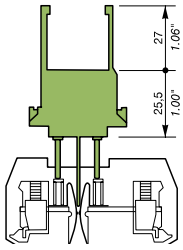
1st step: the plug cuts the circuit.
2nd step: the test circuit connection is made.

BNT2 ("polarity" plug)



Plug not equipped with pins cuts the circuit.

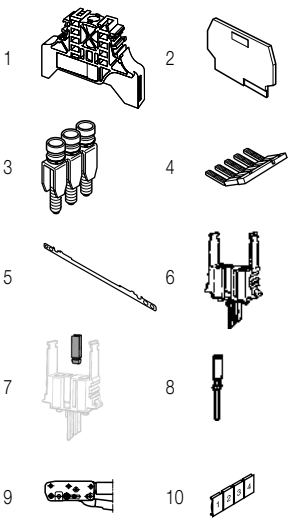
BNT3 ("current" plug)



1st step : the test circuit is established
2nd step : the plug opens the circuit.

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.5 mm	*0.098 in*	Grey	FEMT5	1SNA116781R1300		20	3.00
3	**Jumper bars**	2 poles	57 A		BJMI10-2	1SNA176675R0400		10	5.00
		3 poles			BJMI10-3	1SNA176676R0500		10	8.00
		4 poles			BJMI10-4	1SNA176677R0600		10	11.00
		5 poles			BJMI10-5	1SNA176678R1700		10	13.00
		10 poles			BJMI10-10	1SNA176679R1000		10	27.00
4	**Lateral jumper bars**	10 poles	70 A		PC10-10	1SNA163315R2600		10	23.00
5	**Shield connectors**				CBM5	1SNA178745R1400		50	
6	**Short circuit plugs**	"Polarity" plug		Grey	BNT2	1SNA114329R2300		20	3.00
		"Voltage" plug		Red	BNT1	1SNA199135R1700		20	8.00
		"Current" plug		Green	BNT3	1SNA199136R1000		20	8.00
7	**Assembly pins for plugs**				CVABM1	1SNA116783R1500		20	
8	**Pins**	0.5 mm²	*24-20 AWG*		BRC-0.5	1SNA174558R0500		10	1.40
		1 mm²	*18 AWG*		BRC-1	1SNA173906R2200		10	2.00
		1.5 mm²	*16 AWG*		BRC-1.5	1SNA173907R2300		10	2.00
		2.5 mm²	*14 AWG*		BRC-2.5	1SNA173908R0400		10	2.00
		4 mm²	*12 AWG*		BRC-4	1SNA174601R0100		10	2.00
9	**Tools**	Connecting capacity: 1 to 2.5 mm²			PSC	1SNA173181R1300		1	
10	**Terminal block markers**	Blank card		White	RC1010	1SNA238000R1600		1	1.30

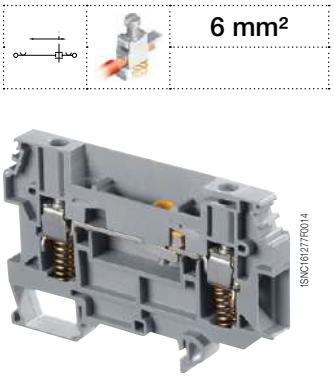


Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

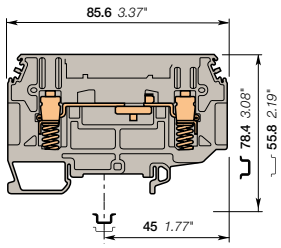
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161147S0201 - Rev. A

D6/8.ST.RS spring loaded screw clamp terminal blocks
Test disconnect with a screwdriver sliding link - 8 mm *0.315 in* spacing



D6/8.ST.RS



8 mm *0.315 in* spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey	D6/8.ST.RS	1SNA115914R0700	32	28.00

Main technical data

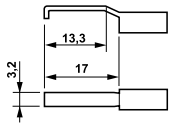
		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-2.5 mm²*	
	Gauge	A5		
Rated current / Rated cross section		24 A / 6 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R

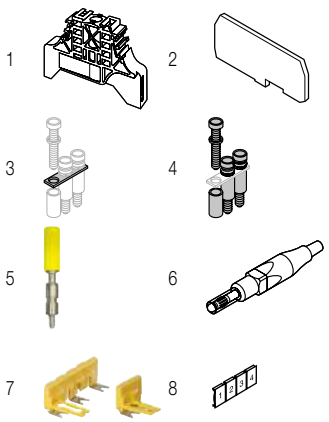
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		16 mm *0.51 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	End stops	*0.394 in*	Grey	BAM2	1SNA206351R1600	50	12.00
			0.354 in		BADL	1SNA399903R0200	50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey	FEM8T6	1SNA215266R0100	10	4.40
3	**Jumper bars**	2 poles	41 A		BJS8	1SNA164581R1300	10	3.10
		3 poles				1SNA164582R1400	10	3.10
		4 poles				1SNA164583R1500	10	3.10
		20 poles			BJS8-20	1SNA174789R0500	5	3.20
4	**Fastening kits**	Sub assembly post + screw + washer			EV6I	1SNA206394R0200	20	2.00
5	**Test sockets**	DIA 4 mm *0.157 in* IP20		Yellow	AJS9	1SNA179726R0200	25	3.60
				Black	AJS9-1	1SNA206680R1500	25	3.60
				Green	AJS9-2	1SNA206681R0200	25	3.60
				Grey	AJS9-3	1SNA206682R0300	25	3.60
				Blue	AJS9-4	1SNA206683R0400	25	3.60
				Red	AJS9-5	1SNA206720R1400	25	3.60
		DIA 4 mm *0.157 in*			AL4-M3	1SNA206721R0100	50	1.10
6	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red	FC4-1	1SNA167927R1000	10	11.00
7	**Short circuit bridges**	2 poles		Yellow	SC-JB8-2	1SNK900652R0000	25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000	25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000	25	4.70
8	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200	1	8.20

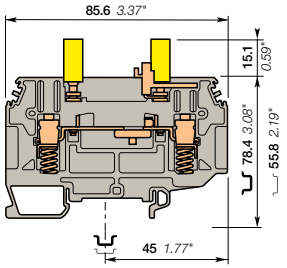
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D6/8.ST.RS spring loaded screw clamp terminal blocks
Test disconnect with a screwdriver sliding link - 8 mm *0.315 in* spacing



D6/8.ST.RS



8 mm *0.315 in* spacing

7

Description

– Mainly dedicated to energy markets for security purposes on CT circuits,
– Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 yellow test sockets DIA 4 mm 0.157 in	Grey	D6/8.ST1.RS.IP20	1SNA115831R0400		32	38.00

Main technical data

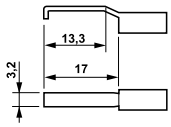
		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with insulated ferrule			
Lugs	Flexible		*0.28-2.5 mm²*	
	Gauge	A5		
Rated current / Rated cross section		24 A / 6 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		16 mm *0.51 in*
Screw clamp		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.8 - 1 Nm *7.1 - 8.9 lb.in*
Disconnect device		Flat screwdriver
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*
Test socket		
Tool		Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m *5.34 lb.in*

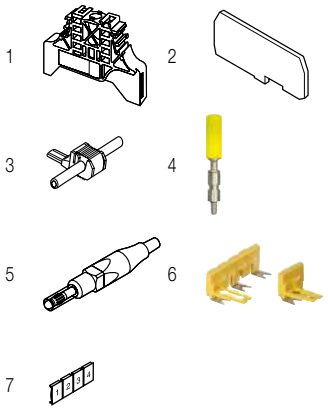
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All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

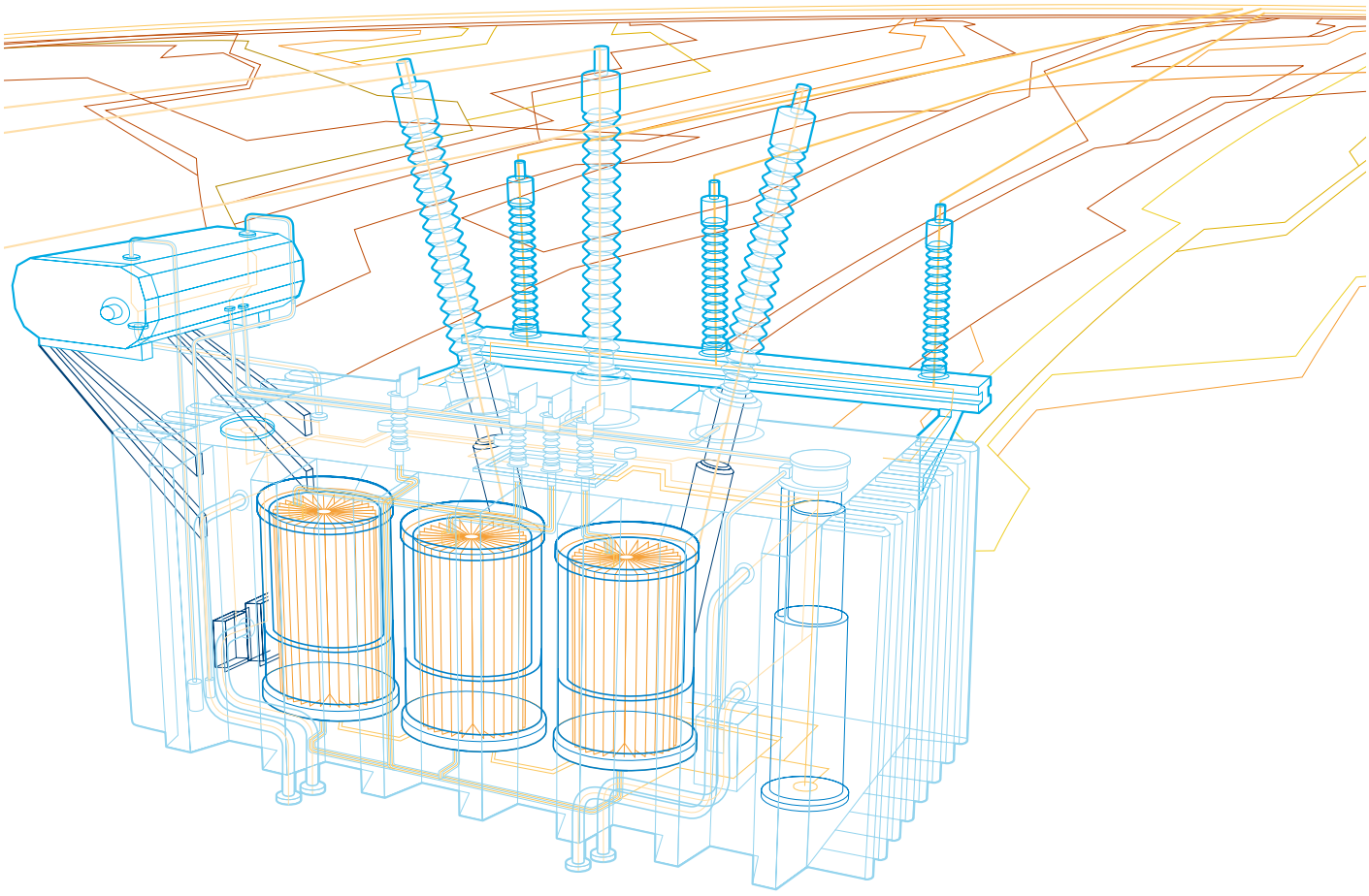
Accessories

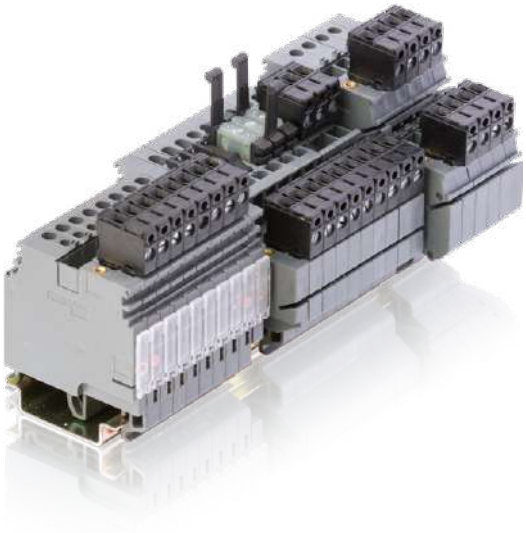


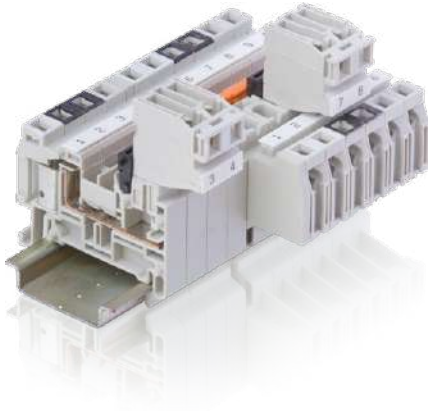
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	1 mm	*0.039 in*	Grey	FEM8T6	1SNA215266R0100		10	4.40
3	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000		50	1.60
4	**Test sockets**	DIA 4 mm *0.157 in* IP20		Black	AJS9-1	1SNA206680R1500		25	3.60
				Green	AJS9-2	1SNA206681R0200		25	3.60
				Grey	AJS9-3	1SNA206682R0300		25	3.60
				Blue	AJS9-4	1SNA206683R0400		25	3.60
				Red	AJS9-5	1SNA206720R1400		25	3.60
5	**Test plugs**	DIA 4 mm *0.157 in* IP20		Red	FC4-1	1SNA167927R1000		10	11.00
6	**Short circuit bridges**	2 poles		Yellow	SC-JB8-2	1SNK900652R0000		25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000		25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000		25	4.70
7	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

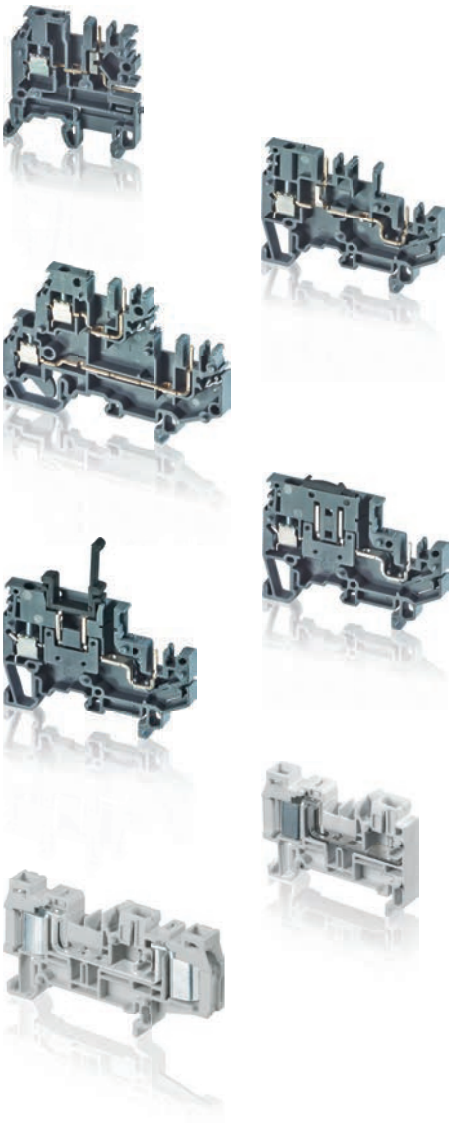






1SNC164011S0201

Solution series, terminal blocks
Pluggable



Technologies presentation 166
Overview 167

Screw clamp technology

Feed-through

2.5 mm² / *12 AWG*	**MA2.5/5-CPE**		168
	MA2.5/5-2CPE		170

Double deck

2.5 mm² / *12 AWG*	**MA2.5/5D2-2CPE**	2 feed-through circuits	172
	MA2.5/5.D-2CPE	1 feed-through circuit	173

Disconnect with blade

2.5 mm² / *12 AWG*	**MA2.5/5-SNB-CPE**		174

Fuse

2.5 mm² / *12 AWG*	**MA2.5/5-SFA-CPE**		175

ADO technology

Feed-through

1.5 mm² / *16 AWG*	**D1.5/7.ADO-CPE**	1 ADO - 1 pluggable	176
	D1.5/7.2ADO-CPE	2 ADO - 1 pluggable	178
2.5 mm² / *14 AWG*	**D2.5/7.ADO-CPE**	1 ADO - 1 pluggable	177
	D2.5/7.2ADO-CPE	2 ADO - 1 pluggable	179

1SNC164011S0201

Solution series, terminal blocks
Pluggable



Optimize your equipment assembly process!

ABB's pluggable terminal blocks offer the possibility to use pre-assembled cables and connectors which improve wiring efficiency.
Pluggable technology offers following advantages:
- Wiring can be pre-defined and pre-tested before final assembling
- During assembling, the pre-assembled cables help in saving time (plug & play solution) and reduce wiring errors
- During servicing, rail assemblies or components can be quickly replaced.

The prefered solution for OEM's and panel builders handling cabinets made of multiple separate modules.

CE RoHS ISO 9001 ISO 14001

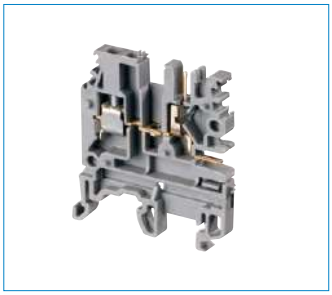
8

A large choice of solutions and technologies

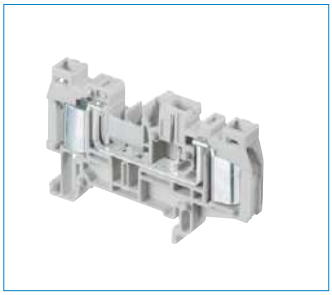
Screw clamp pluggable technology
ABB's screw clamp pluggable range combines the advantage of a fast connection associated with the standard easy to use screw technology.
The range features various functions such as : feed-through, neutral, double deck, disconnect and fuse.

PI-Spring screwless pluggable technology
Our PI-Spring pluggable range combines fast assembly and fast wiring thanks to our exclusive tool-free direct insertion connection technology.
The range features functions adapted to OEM's applications such as 2 jumper channels for distribution, testing,high density wiring with dual connection on both side.
Find more in out SNK series catalog.

ADO System® screwless pluggable technology
Combines fast assembly with the Fastest and the Most Reliable Connection on the Market.
Our ADO System® range features high ratings 4 mm²/24 A max and high density wiring with dual connection and up to 2 wires per ADO System® connection.



Screw clamp pluggable terminal block

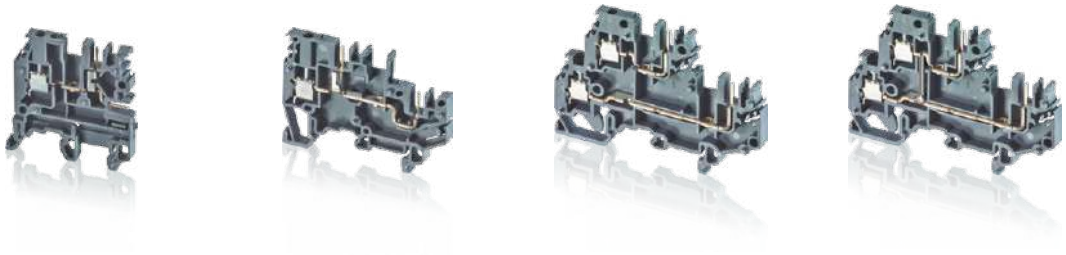


ADO System® pluggable terminal block

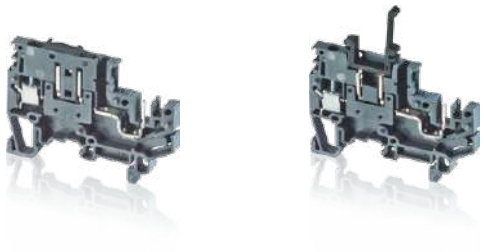
1SNC164010S0201

Solution series, terminal blocks
Pluggable

Screw clamp technology

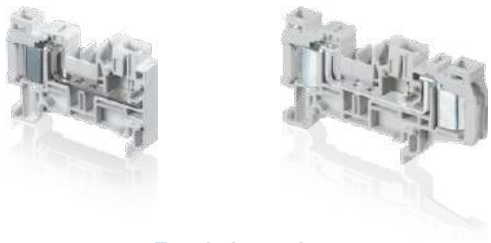


		Feed-through		Double deck	
Section					
IEC	*UL/CSA*				
2.5 mm²	***12 AWG***	**MA2.5/5-CPE** 5 mm *0.197 in*	**MA2.5/5-2CPE** 5 mm *0.197 in*	**MA2.5/5D2-2CPE** 5 mm 0.197 in	**MA2.5/5.D-2CPE** 5 mm *0.197 in*



		Disconnect with blade	Fuse
Section			
IEC	*UL/CSA*		
2.5 mm²	***12 AWG***	**MA2.5/5-SNB-CPE** 5 mm *0.197 in*	**MA2.5/5-SFA-CPE** 5 mm *0.197 in*

ADO technology



		Feed-through	
Section			
IEC	*UL/CSA*		
1.5 mm²	***16 AWG***	**D1.5/7.ADO-CPE** 7.62 mm *0.300 in*	**D1.5/7.2ADO-CPE** 7.62 mm *0.300 in*
2.5 mm²	***14 AWG***	**D2.5/7.ADO-CPE** 7.62 mm *0.300 in*	**D2.5/7.2ADO-CPE** 7.62 mm *0.300 in*

All the technical data for UL/CSA standard and dimensions in inches are in italic.

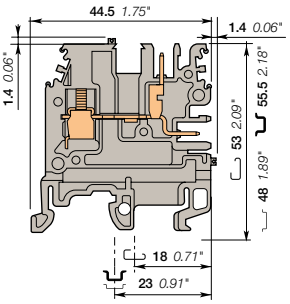
MA2.5/5-CPE pluggable terminal blocks
Feed-through - 5.08 mm *0.200 in* spacing



2.5 mm²
12 AWG



MA2.5/5-CPE



5.08 mm *0.200 in* spacing

Description

– Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
– They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
– They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 feed-through circuit	Grey ☐	MA2.5/5-CPE	1SNA400814R0000		50	7.00
		Blue ☐	MA2.5/5-CPE	1SNA400827R0000		50	7.00

Main technical data

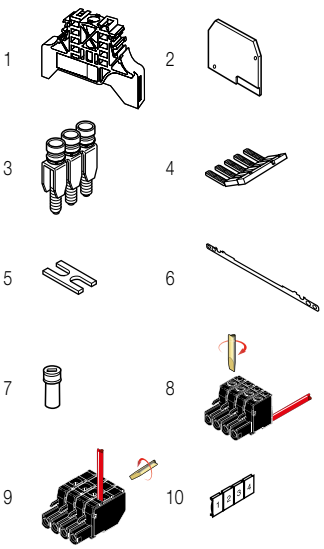
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CNR Gost R



Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*			BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*		Grey ☐	FEM6	1SNA400824R0000		20	2.40
3	**Jumper bars**	2 poles	24 A			BJMI5-2	1SNA176278R1600		10	3.30
		3 poles				BJMI5-3	1SNA176279R1700		10	5.00
		4 poles				BJMI5-4	1SNA176280R0500		10	6.70
		10 poles				BJMI5-10	1SNA176282R2300		10	16.90
4	**Lateral jumper bars**	2 poles	30 A		Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*				EL6	1SNA173627R2100		10	0.10
6	**Shield connectors**					CBM5	1SNA178745R1400		50	
7	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
8	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
9	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
10	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

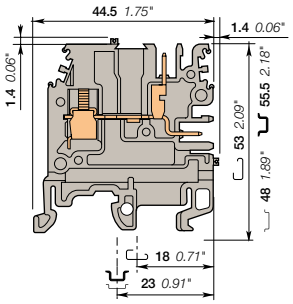
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC164001S0201 - Rev. A

MA2.5/5-CPE pluggable terminal blocks
Feed-through - 5.08 mm *0.200 in* spacing



MA2.5/5-CPE



5.08 mm *0.200 in* spacing

2.5 mm²
12 AWG

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 feed-through circuit with partition	Grey ☐	MA2.5/5-CPE.1	1SNA400822R0000		50	7.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

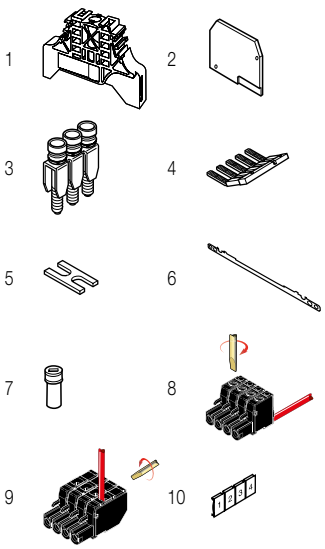
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CNR Gost R

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Accessories

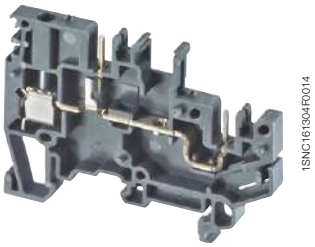
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*			BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*		Grey ☐	FEM6	1SNA400824R0000		20	2.40
3	**Jumper bars**	2 poles	24 A			BJMI5-2	1SNA176278R1600		10	3.30
		3 poles				BJMI5-3	1SNA176279R1700		10	5.00
		4 poles				BJMI5-4	1SNA176280R0500		10	6.70
		10 poles				BJMI5-10	1SNA176282R2300		10	16.90
4	**Lateral jumper bars**	2 poles	30 A		Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*				EL6	1SNA173627R2100		10	0.10
6	**Shield connectors**					CBM5	1SNA178745R1400		50	
7	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
8	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
9	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
10	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

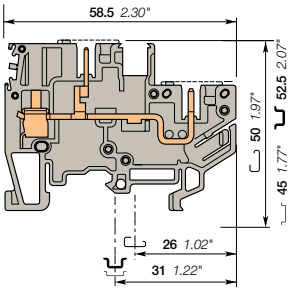
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

MA2.5/5-2CPE pluggable terminal blocks
Feed-through - 5.08 mm *0.200 in* spacing





MA2.5/5-2CPE



5.08 mm *0.200 in* spacing

Description

– Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
– They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
– They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 feed-through circuit	Grey ☐	MA2.5/5-2CPE	1SNA400817R0000		50	7.00
		Blue ☐	MA2.5/5-2CPE	1SNA125711R1500		50	7.00

Main technical data

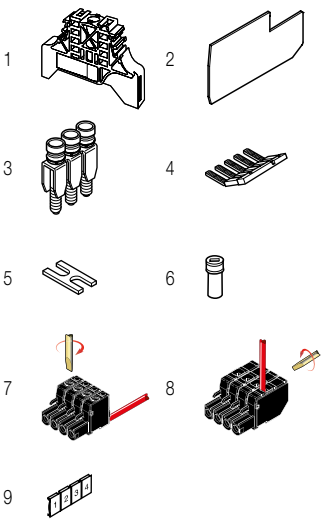
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CNR Gost R



Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*			BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*		Grey ☐	FE2CPE	1SNA400826R0000		20	2.50
3	**Jumper bars**	2 poles	24 A			BJMI5-2	1SNA176278R1600		10	3.30
		3 poles				BJMI5-3	1SNA176279R1700		10	5.00
		4 poles				BJMI5-4	1SNA176280R0500		10	6.70
		5 poles				BJMI5-5	1SNA176281R2200		10	8.40
		10 poles				BJMI5-10	1SNA176282R2300		10	16.90
4	**Lateral jumper bars**	2 poles	30 A		Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*				EL6	1SNA173627R2100		10	0.10
6	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
7	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
8	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
9	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

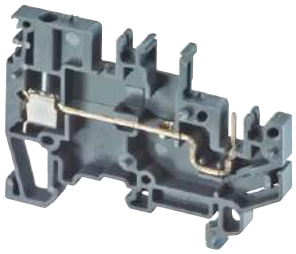
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

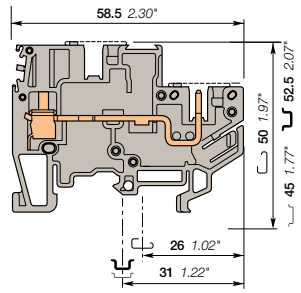
1SNC164003S0201 - Rev. A

MA2.5/5-2CPE pluggable terminal blocks
Feed-through - 5.08 mm *0.200 in* spacing

	2.5 mm²
	12 AWG



MA2.5/5-2CPE



5.08 mm *0.200 in* spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 feed-through circuit for use in combination with disconnect blocks	Grey ☐	MA2.5/5-2CPE1-Pb	1SNA400821R0000		50	7.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible with insulated ferrule	0.22-2.5 mm²		
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

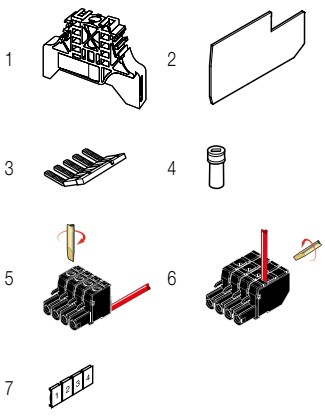
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*			BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*		Grey ☐	FE2CPE	1SNA400826R0000		20	2.50
3	**Lateral jumper bars**	2 poles	30 A		Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
4	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
5	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
6	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
7	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

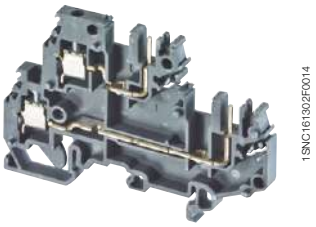
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

MA2.5/5D-2CPE pluggable terminal blocks
Double deck with 2 feed-through circuits - 5.08 mm *0.200 in* spacing

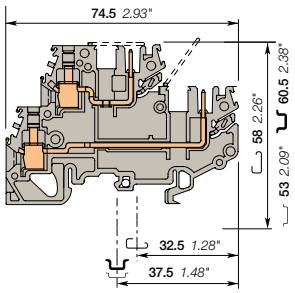


2.5 mm²
12 AWG



1SNC161302F0014

MA2.5/5D-2CPE



5.08 mm *0.200 in* spacing

Description
- Save space with double deck terminal blocks,
- Gain in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- Plug & play connection through pre-wired harnesses equipped with CPFT2 plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 feed-through circuits	Grey	MA2.5/5.D2-2CPE	1SNA400813R0000		50	12.00
		Blue	MA2.5/5.D2-2CPE	1SNA125961R1000		50	12.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

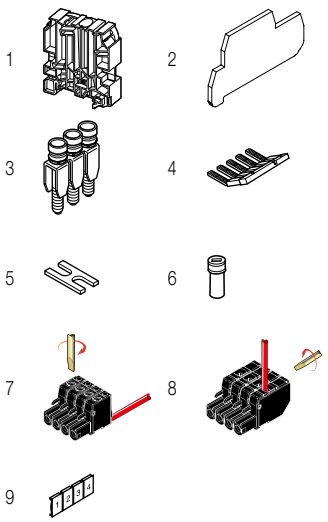
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CNR Gost R

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Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*		Grey	BADH	1SNA116900R2700		50	24.00
2	**End sections**	2.54 mm	*0.100 in*		Grey	FEDCP	1SNA400825R0000		20	3.50
3	**Jumper bars**	2 poles	24 A			BJMI5-2	1SNA176278R1600		10	3.30
		3 poles				BJMI5-3	1SNA176279R1700		10	5.00
		4 poles				BJMI5-4	1SNA176280R0500		10	6.70
		10 poles				BJMI5-10	1SNA176282R2300		10	16.90
4	**Lateral jumper bars**	2 poles	30 A		Grey	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*				EL6	1SNA173627R2100		10	0.10
6	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
8	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
9	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
9	**Terminal block markers**	Blank card			White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

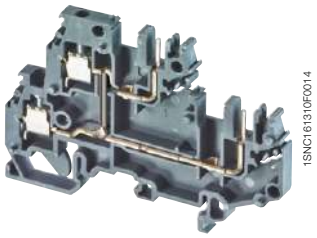
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC164005S0201 - Rev. A

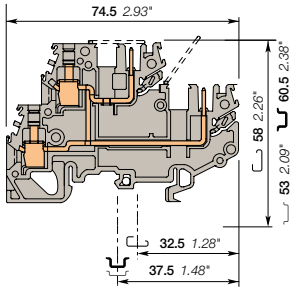
MA2.5/5D-2CPE pluggable terminal blocks
Double deck with 1 feed-through circuit - 5.08 mm *0.200 in* spacing



2.5 mm²
12 AWG



MA2.5/5D-2CPE



5.08 mm *0.200 in* spacing

Description

– Save space with double deck terminal blocks,
– Gain in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
– Plug & play connection through pre-wired harnesses equipped with CPFT2 plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 feed-through circuit	Grey ☐	MA2.5/5.D-2CPE	1SNA400823R0000		50	12.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

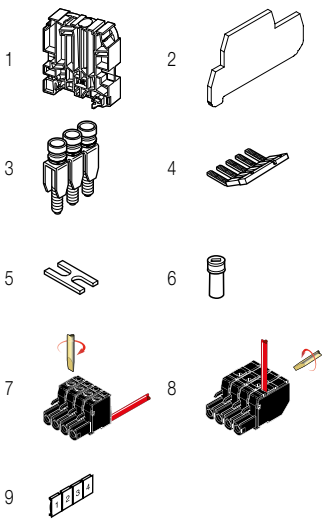
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CNR Gost R

8

Accessories



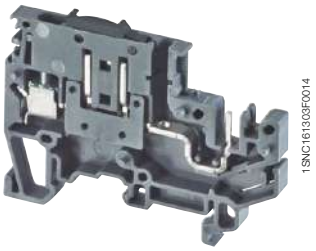
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*		Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	2.54 mm	*0.100 in*		Grey ☐	FEDCP	1SNA400825R0000		20	3.50
3	**Jumper bars**	2 poles	24 A			BJMI5-2	1SNA176278R1600		10	3.30
		3 poles				BJMI5-3	1SNA176279R1700		10	5.00
		4 poles				BJMI5-4	1SNA176280R0500		10	6.70
		10 poles				BJMI5-10	1SNA176282R2300		10	16.90
4	**Lateral jumper bars**	2 poles			Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*				EL6	1SNA173627R2100		10	0.10
6	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
7	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
8	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
9	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

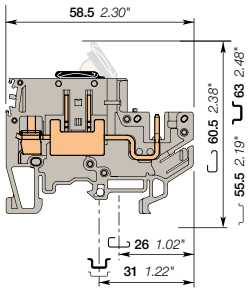
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

MA2.5/5-SNB-CPE pluggable terminal blocks
Disconnect with blade - 5.08 mm *0.200 in* spacing





MA2.5/5-SNB-CPE



5.08 mm *0.200 in* spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	1 feed-through circuit	Grey ☐	MA2.5/5-SNB-CPE	1SNA400815R0000		50	7.00

Main technical data

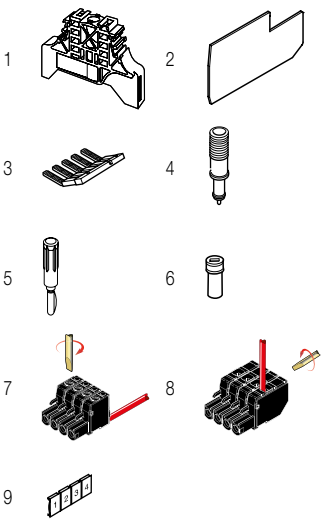
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		10 A / 2.5 mm²	*10 A / 12 AWG*	
Rated short-time withstand current (1s)		120 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*			BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*		Grey ☐	FE2CPE	1SNA400826R0000		20	2.50
3	**Lateral jumper bars**	2 poles	30 A		Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
4	**Test adapters**				Blue ☐	DCB	1SNA105028R2100		10	20.00
5	**Test plugs**	DIA 2 mm	*0.079 in*		Black ■	FC2	1SNA007865R2600		100	
6	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
7	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
8	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
9	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

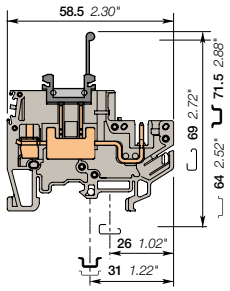
1SNC164007S0201 - Rev. A

MA2.5/5-SFA-CPE pluggable terminal blocks
Disconnect with fuse - with test socket - 5.08 mm *0.200 in* spacing





MA2.5/5-SFA-CPE



5.08 mm *0.200 in* spacing

Description

– Protect your control circuits with miniFuse terminal blocks,
– Gain in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
– Plug & play connection through pre-wired harnesses equipped with CPFT2 plugs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	1 feed-through circuit	Grey ☐	MA2.5/5-SFA-CPE	1SNA400816R0000		50	7.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*	
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		3 A / 2.5 mm²	*3 A / 12 AWG*	
Rated short-time withstand current (1s)				
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

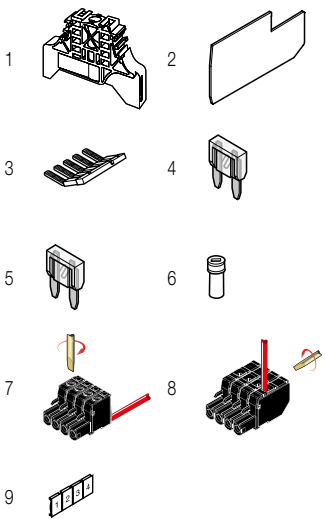
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS USR CNR Gost R

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Accessories

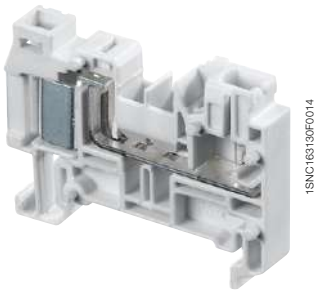
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*			BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*		Grey ☐	FE2CPE	1SNA400826R0000		20	2.50
3	**Lateral jumper bars**	2 poles	30 A		Grey ☐	PC5-2	1SNA113542R1000		10	1.80
		10 poles				PC5-10	1SNA113544R1200		10	6.00
4	**Fuses**	Auto. min-iature 32 V	2 A			FUAUTO	1SNA179879R1400		10	1.00
			3 A				1SNA179880R0200		10	1.00
5	**Component plugs**				Black ■	BF5AUTO	1SNA299877R0300		50	1.00
6	**Coding pegs**					COCF 32	1SNA173660R1600		10	0.10
						COC 1	1SNA299777R1600		10	
7	**Female plugs wires parallel**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/2	1SNA094302R2100		120	3.20
				3 poles		CPFT2/3	1SNA094303R2200		80	4.80
				4 poles		CPFT2/4	1SNA094304R2300		60	6.40
				10 poles		CPFT2/10	1SNA094310R2400		20	16.00
8	**Female plugs wires perpendicular**	5.08 mm	*0.200 in*	2 poles	Black ■	CPFT2/R-2	1SNA094352R2200		120	3.80
				3 poles		CPFT2/R-3	1SNA094353R2300		80	5.70
				4 poles		CPFT2/R-4	1SNA094354R2400		60	7.60
				10 poles		CPFT2/R-10	1SNA094360R0600		20	19.00
9	**Terminal block markers**	Blank card			White ☐	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

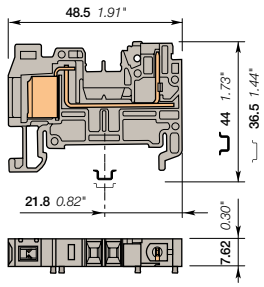
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D1.5/7.ADO-CPE pluggable terminal blocks
Feed-through ADO - pluggable - 7.62 mm *0.300 in* spacing





D1.5/7.ADO-CPE



7.62 mm *0.300 in* spacing

Description
- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 ADO, 1 pluggable	Grey ☐	D1.5/7.ADO-CPE	1SNA290486R2700		50	

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		16 A / 1.5 mm²	*15 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V	*300 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

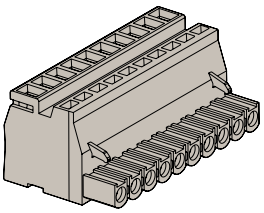
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

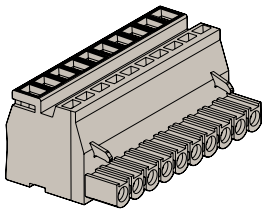
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All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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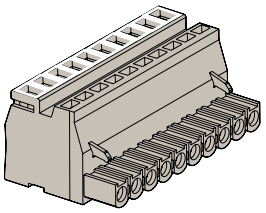
Notes



1SSA2662xxR1100

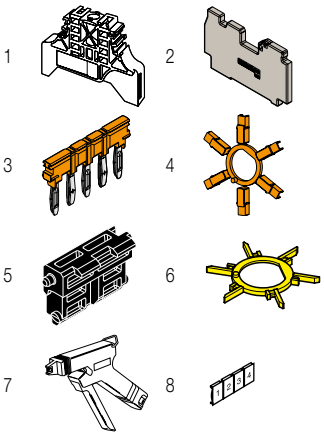


1SSA2672xxR1100



1SSA2762xxR1100

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.9 mm	*0.114 in*	Grey ☐	FECPE.ADO	1SNA291832R1600		20	2.50
3	**Jumper bars**	2 poles			BJE762.2	1SNA290451R0300		10	5.30
		5 poles			BJE762.5	1SNA290452R0400		10	15.40
		10 poles			BJE762.10	1SNA290453R0500		10	24.00
4	**Insulating tips**	For jumper bars type BJE762		Orange ☐	EIP	1SNA290454R0600		10	100.00
5	**Locking devices**			Black ☐	VRADO.CPE7	1SNA400063R0000		20	0.40
6	**Coding pegs**			Yellow ☐	COCE	1SNA199321R2100		10	1.00
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RB-12W7	1SNA290455R0700		50	6.00

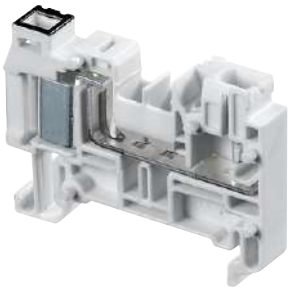
Complete list of accessories is indicated in the terminal block datasheet.
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All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

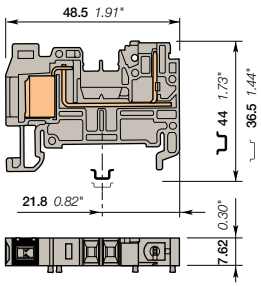
1SNC163075S0201 - Rev. A

D2.5/7.ADO-CPE pluggable terminal blocks
Feed-through ADO - pluggable - 7.62 mm *0.300 in* spacing




1SNC163132F0014

D2.5/7.ADO-CPE



7.62 mm *0.300 in* spacing

Description
- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	1 ADO, 1 pluggable with black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	D2.5/7.ADO-CPE	1SNA290483R2400		50	8.40

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V	*300 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

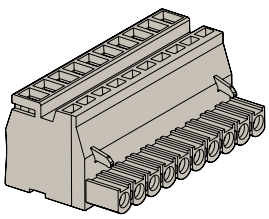
Mounting instructions

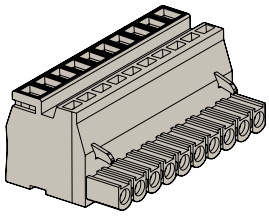
Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

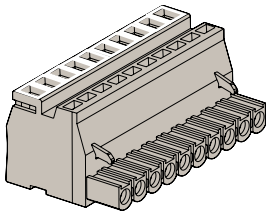
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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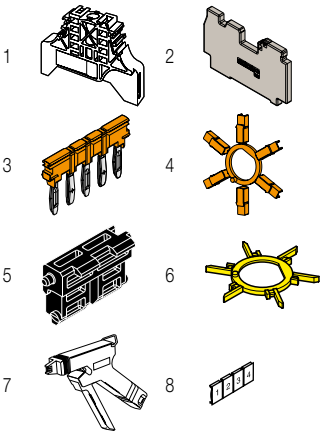
Notes


1SSA2662xxR1100


1SSA2672xxR1100


1SSA2762xxR1100

Accessories



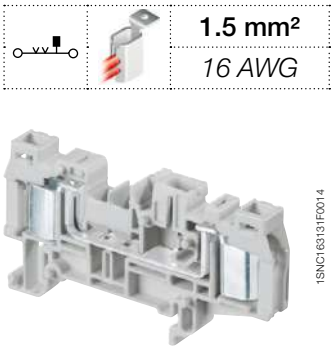
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.9 mm	*0.114 in*	Grey	FECPE.ADO	1SNA291832R1600		20	2.50
3	**Jumper bars**	2 poles			BJE762.2	1SNA290451R0300		10	5.30
		5 poles			BJE762.5	1SNA290452R0400		10	15.40
		10 poles			BJE762.10	1SNA290453R0500		10	24.00
4	**Insulating tips**	For jumper bars type BJE762		Orange	EIP	1SNA290454R0600		10	100.00
5	**Locking devices**			Black	VRADO.CPE7	1SNA400063R0000		20	0.40
6	**Coding pegs**			Yellow	COCE	1SNA199321R2100		10	1.00
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RB-12W7	1SNA290455R0700		50	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

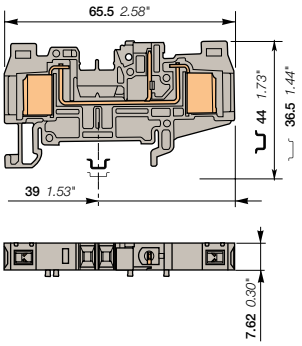
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163077S0201 - Rev. A

D1.5/7.2ADO-CPE pluggable terminal blocks
Feed-through ADO - pluggable - 7.62 mm *0.300 in* spacing



D1.5/7.2ADO-CPE



7.62 mm *0.300 in* spacing

Description
- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 ADO, 1 pluggable	Grey ☐	D1.5/7.2ADO-CPE	1SNA290487R2000		50	

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²	*22-16 AWG*	
	Flexible	0.34-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		16 A / 1.5 mm²	*15 A / 16 AWG*	
Rated short-time withstand current (1s)		180 A		
Rated voltage		500 V	*300 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

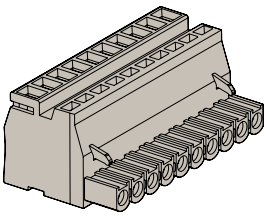
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

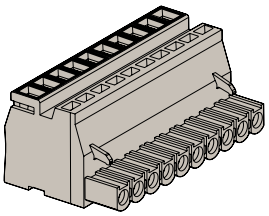
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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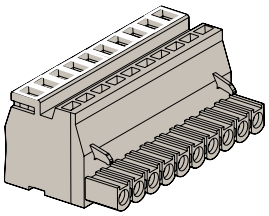
Notes



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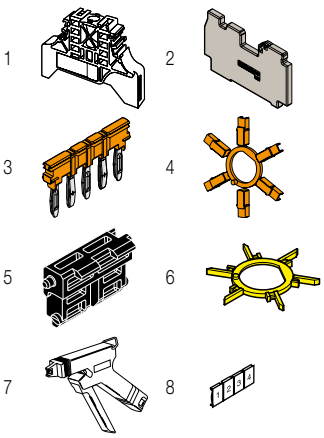


1SSA2672xxR1100



1SSA2762xxR1100

Accessories



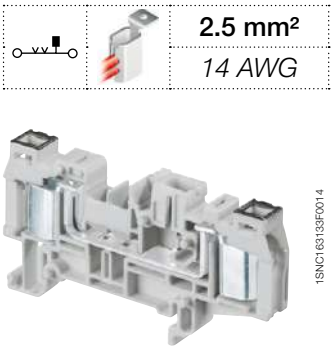
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.9 mm	*0.114 in*	Grey ☐	FECPE.2ADO	1SNA291833R1700		20	2.50
3	**Jumper bars**	2 poles			BJE762.2	1SNA290451R0300		10	5.30
		5 poles			BJE762.5	1SNA290452R0400		10	15.40
		10 poles			BJE762.10	1SNA290453R0500		10	24.00
4	**Insulating tips**	For jumper bars type BJE762		Orange ☐	EIP	1SNA290454R0600		10	100.00
5	**Locking devices**			Black ■	VRADO.CPE7	1SNA400063R0000		20	0.40
6	**Coding pegs**			Yellow ☐	COCE	1SNA199321R2100		10	1.00
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White ☐	RB-12W7	1SNA290455R0700		50	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

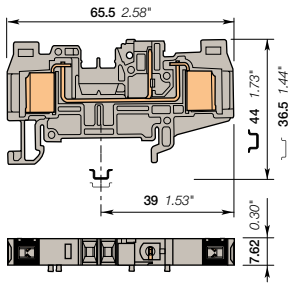
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163076S0201 - Rev. A

D2.5/7.2ADO-CPE pluggable terminal blocks
Feed-through ADO - pluggable - 7.62 mm *0.300 in* spacing



D2.5/7.2ADO-CPE



7.62 mm *0.300 in* spacing

2.5 mm²
14 AWG

Description

- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 ADO, 1 pluggable with black marking for wire size 1-2.5 mm² (*16-14 AWG*)	Grey	D2.5/7.2ADO-CPE	1SNA290484R2500		50	11.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	1-2.5 mm²	*16-14 AWG*	
	Flexible	1-2.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		24 A / 2.5 mm²	*15 A / 14 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V	*300 V*	
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

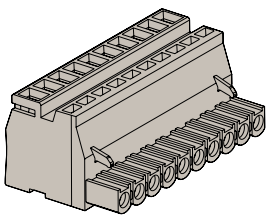
Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

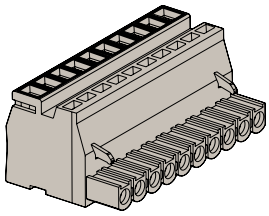
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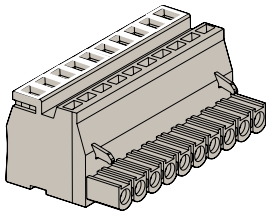
Notes



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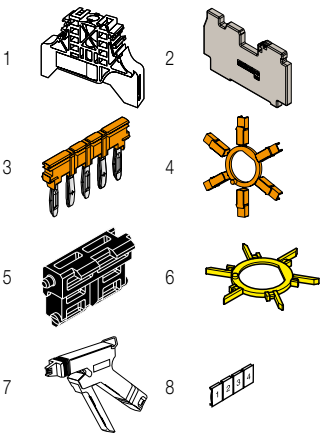


1SSA2672xxR1100



1SSA2762xxR1100

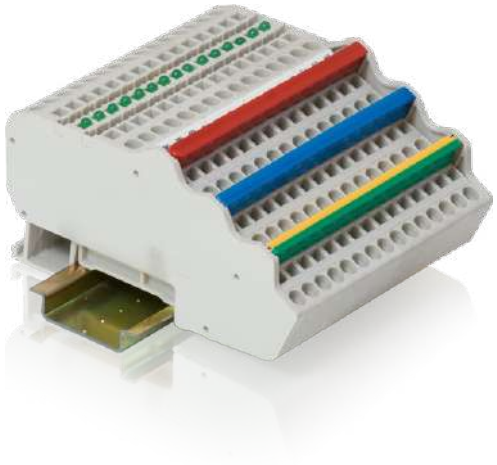
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.9 mm	*0.114 in*	Grey	FECPE.2ADO	1SNA291833R1700		20	2.50
3	**Jumper bars**	2 poles			BJE762.2	1SNA290451R0300		10	5.30
		5 poles			BJE762.5	1SNA290452R0400		10	15.40
		10 poles			BJE762.10	1SNA290453R0500		10	24.00
4	**Insulating tips**	For jumper bars type BJE762		Orange	EIP	1SNA290454R0600		10	100.00
5	**Locking devices**			Black	VRADO.CPE7	1SNA400063R0000		20	0.40
6	**Coding pegs**			Yellow	COCE	1SNA199321R2100		10	1.00
7	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
8	**Terminal block markers**	Blank card		White	RB-12W7	1SNA290455R0700		50	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.



1SNC160101S0201

Solution series, terminal blocks
Sensors / Actuators



Technologies presentation 182
Overview 183

Screw clamp technology

3 wire sensor

2.5 mm² / *12 AWG*	**D2.5/6.D**		184
	D2.5/6.DL	With red led	185
	D2.5/6.DAL	With green led	186

Thermocouple

	MTC6		187

Spring clamp technology

3 wire sensor

1.5 mm² / *16 AWG*	**D2.5/5.C3.L**		188
	D2.5/5.C3.L.L	With green led	189

4 wire sensor

1.5 mm² / *16 AWG*	**D2.5/5.C4.L**		190
	D2.5/5.C4.L.L	With green led	191

ADO-ADO technology

3 wire sensor

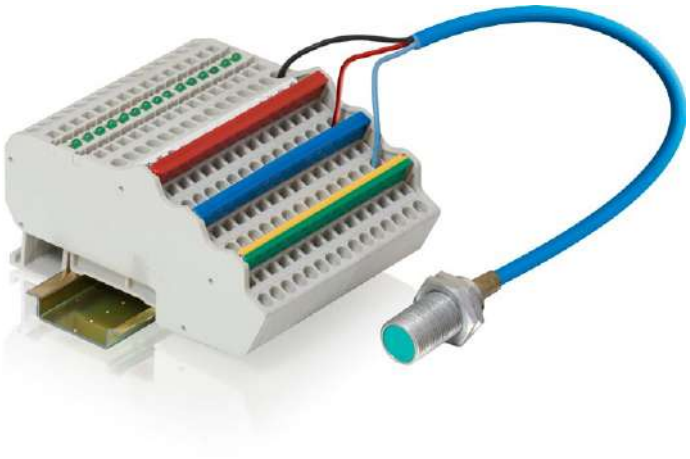
1 mm² / *20 AWG*	**D1/5.C3.ADO**		192
	D1/5.C3.ADO.L	With green led	193

4 wire sensor

1 mm² / *20 AWG*	**D1/5.C4.ADO**		194
	D1/5.C4.ADO.L	With green led	195

1SNC160101S0201

Solution series, terminal blocks
Sensors / Actuators



The smart choice for process automation applications

Process automation applications typically require the use of a large number of digital or analog signals and sensors.
The space constraint is often an issue in regards to this large volume of signals to handle.
ABB sensor and actuator terminal blocks reduce the installation costs, speed the wiring and ease commissioning thanks to:
- Compact multi deck terminals blocks for 3 & 4 wire sensors
- Potentials distribution via jumper (positive, negative, ground)
- Signal indication via LED for circuit status indication.

Select from our large choice of solutions and technologies

Classic and compact screw clamp terminal blocks

The product family features very compact dimensions.
It is the preferred choice for small junction boxes when panel height is a constraints. Our terminals are compatible with:
- 2 wire and 3 wire sensors
- PNP & NPN sensors.

Convenient and ergonomic spring clamp terminal blocks

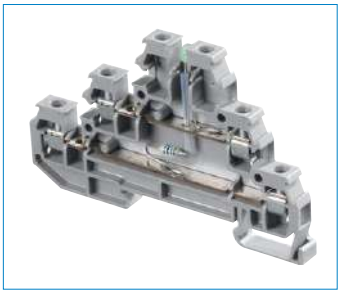
The product family features popular spring technology particularly appreciated in process industry.
Our product family offers:
- Compatibility with 2, 3 and 4 wire sensors
- Compatibility: with NPN and PNP sensors thanks to bidirectional LED indicators
- Color coded 34 poles plug-in jumpers adapted to popular PLC I/O cards configurations (8, 16, 32 channels).

ADO System® terminal blocks: experience the fastest and most reliable connection on the market

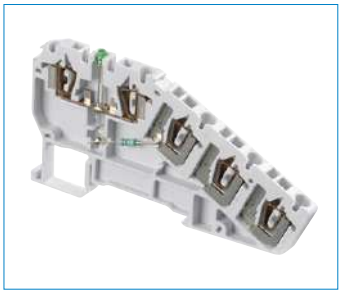
Our exclusive ADO System® combines speed on connection with top reliability of connection. Our product family offers:
- Compatibility with 2, 3 and 4 wire sensors
- Compatibility: with NPN and PNP sensors thanks to bidirectional LED indicators
- Color coded 66 poles plug-in jumpers adapted to all PLC I/O cards configurations (8,16, 32 & 64 channels).

Universal thermocouple terminal block

This terminal block allows connection of all types of temperature thermocouple sensors. Its exclusive design allows thermocouple wire extention with no loss of signal integrity.
Learn more in the related page of our catalog.



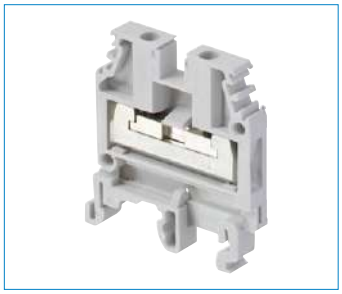
Screw clamp terminal block



Spring terminal block



ADO System® terminal block



Thermocouple terminal block

1SNC161167S0201

Solution series, terminal blocks
Sensors / Actuators

Screw clamp technology






			3 wire sensor		Thermocouple
Section					
IEC	*UL/CSA*				
2.5 mm²	***12 AWG***	**D2.5/6.D** 6 mm *0.236 in*	**D2.5/6.DL** 6 mm *0.236 in*	**D2.5/6.DAL** 6 mm *0.236 in*	**MTC6** 6 mm *0.236 in*

Spring clamp technology






		3 wire sensor		4 wire sensor	
Section					
IEC	*UL/CSA*				
1.5 mm²	***16 AWG***	**D2.5/5.C3.L** 5 mm *0.197 in*	**D2.5/5.C3.L.L** 5 mm *0.197 in*	**D2.5/5.C4.L** 5 mm *0.197 in*	**D2.5/5.C4.L.L** 5 mm *0.197 in*

ADO-ADO technology






		3 wire sensor		4 wire sensor	
Section					
IEC	*UL/CSA*				
1 mm²	***20 AWG***	**D1/5.C3.ADO** 5 mm *0.197 in*	**D1/5.C3.ADO.L** 5 mm *0.197 in*	**D1/5.C4.ADO** 5 mm *0.197 in*	**D1/5.C4.ADO.L** 5 mm *0.197 in*

All the technical data for UL/CSA standard and dimensions in inches are in italic.

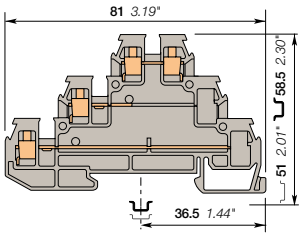
1SNC160063S0201

D2.5/6.D screw clamp terminal blocks
Sensors / Actuators - 6 mm *0.236 in* spacing





D2.5/6.D



6 mm *0.236 in* spacing

Description
Save space with triple deck terminal blocks: adapted for 3 wires sensor/actuator in just 6 mm *0.236 in* spacing.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	For 3 wire sensor with a jumper channel on each deck	Grey ☐	D2.5/6.D	1SNA115542R1200		25	10.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*20-12 AWG*	*22-14 AWG*
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A2		
Rated current / Rated cross section		22 A / 2.5 mm²	*26 A / 12 AWG*	*20 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		380 V	*300 V*	*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

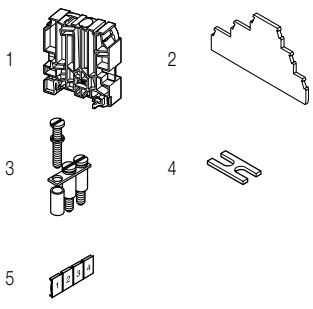
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		6 mm *0.24 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	3 mm	*0.118 in*	Grey ☐	FED3E	1SNA116771R2000		20	3.80
3	**Jumper bars**	2 poles	22 A		BJD6	1SNA178024R2500		10	1.00
		3 poles				1SNA178025R2600		10	2.00
		4 poles				1SNA178026R2700		10	2.00
		5 poles				1SNA178027R2000		10	3.00
		10 poles				1SNA178032R2500		10	6.00
		20 poles				1SNA178033R2600		5	12.00
4	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL61	1SNA177812R1700		10	0.10
5	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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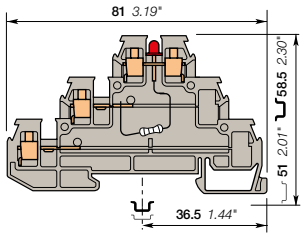
D2.5/6.D screw clamp terminal blocks
Sensors / Actuators - 6 mm *0.236 in* spacing



2.5 mm²
12 AWG



D2.5/6.D



6 mm *0.236 in* spacing

Description

– Save space with triple deck terminal blocks: adapted for 3 wires sensor/actuator in just 6 mm *0.236 in* spacing,
– Quickly identify the signal circuit status thanks to the indicator.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	For 3 wire sensor PNP with red 24 V DC LED and a jumper bar channel on middle and lower deck	Grey ☐	D2.5/6.DL	1SNA115537R0500		25	10.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*20-12 AWG*	*22-14 AWG*
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A2		
Rated current / Rated cross section		22 A / 2.5 mm²	*26 A / 12 AWG*	*20 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		380 V	*300 V*	*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

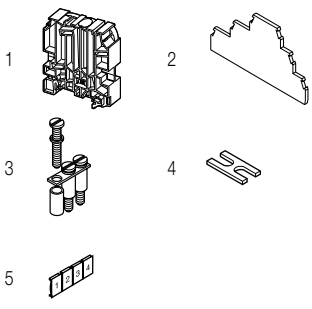
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		6 mm *0.24 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	3 mm	*0.118 in*	Grey ☐	FED3E	1SNA116771R2000		20	3.80
3	**Jumper bars**	2 poles	22 A		BJD6	1SNA178024R2500		10	1.00
		3 poles				1SNA178025R2600		10	2.00
		4 poles				1SNA178026R2700		10	2.00
		5 poles				1SNA178027R2000		10	3.00
		10 poles				1SNA178032R2500		10	6.00
		20 poles				1SNA178033R2600		5	12.00
4	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL61	1SNA177812R1700		10	0.10
5	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

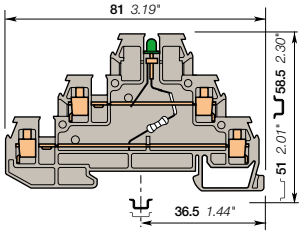
D2.5/6.DAL screw clamp terminal blocks
Sensors / Actuators - 6 mm *0.236 in* spacing



2.5 mm²
12 AWG



D2.5/6.DAL



6 mm *0.236 in* spacing

Description
- Save space with triple deck terminal blocks: 2 independent circuits connected in just 6 mm *0.236 in* spacing,
- Adapted for 3 wires sensor/actuator,
- Quickly identify the signal circuit status thanks to the indicator.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	Power block with green LED 24 V DC for 3 wires sensor and a jumper bar	Grey ☐	D2.5/6.DAL2	1SNA115547R1700		25	12.00

Main technical data

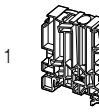
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*20-12 AWG*	*22-14 AWG*
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A2		
Rated current / Rated cross section		22 A / 2.5 mm²	*26 A / 12 AWG*	*20 A / 14 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		380 V	*300 V*	*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

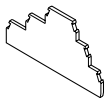
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		6 mm *0.24 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 Nm *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	3 mm	*0.118 in*	Grey ☐	FED3E	1SNA116771R2000		20	3.80
3	**Jumper bars**	2 poles	22 A		BJD6	1SNA178024R2500		10	1.00
		3 poles				1SNA178025R2600		10	2.00
		4 poles				1SNA178026R2700		10	2.00
		5 poles				1SNA178027R2000		10	3.00
		10 poles				1SNA178032R2500		10	6.00
		20 poles				1SNA178033R2600		5	12.00
4	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL61	1SNA177812R1700		10	0.10
5	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

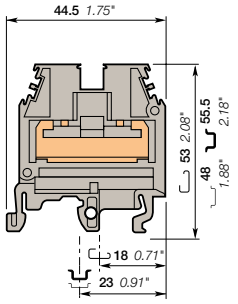
1SNC161149S0201 - Rev. A

MTC6 thermocouple terminal blocks
Screw clamp - 6 mm 0.*236 in* spacing





MTC6



6 mm *0.236 in* spacing

Description

– Universal terminal block adapted to all type of thermocouples,
– Allow thermocouple wire extention with no loss of signal integrity,
– Compatible with solid type thermocouple wires,
– Reduced inventory: only one part number needed for all configurations.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	MTC6	1SNA115206R2200	50	20
		MTC6.Ex	1SNA146227R2500	50	20

Main technical data

	NFC	DIN
Wire size	2 rigid thermocouple conductors 0.9 to 1.5	
Rated voltage	500 V	
Rated voltage Ex e (MTC6.Ex)	550 V IEC/EN 60079-7 - IM2/M1 II 2 GD/1 GD Ex e I/II	

Mounting instructions

Rail	G32, TH 35-7.5, TH 35-15
Wire stripping length	31 mm *1.22 in*
Torque	0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes

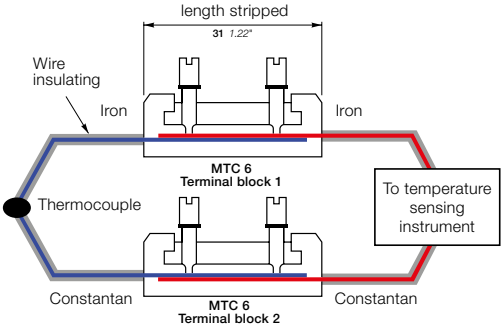


Figure 1: MTC6 with shield connector

Universal terminal block

Other thermocouple terminal blocks are available with hardware (screws, clamps and connecting bar) which match the thermocouple material being used. This requires inventory of many different terminal block types.

MTC6 terminal block adapts to all thermocouple material. This "neutral" method of connection limits the introduction of foreign materials to an insignificant level. The thermocouple wire insulation is stripped (31 mm maximum) and the bar wires are superimposed on each another. The thermocouple wires are in contact over their complete 31 mm length and tightened at two points by round tip screws (see figure 2). The screws, made of plated brass, have only a mechanical function, that of holding the wires together with a point contact. Thus, the pressure points are not relevant in the connection environment. One thermocouple lead connects through one terminal block (see figure 2). The MTC6 requires only 6 mm of space, allowing 50 terminals per foot of rail.



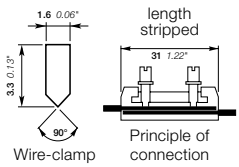
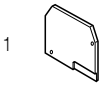


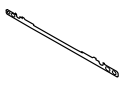
Figure 2

Thermocouple shield wire connector bar

The MTC6 can be field or factory equipped with a shield connector bar (see figure 1). This bar, made of treated brass, fits in the lower part of the terminal block. It ensures the continuity of the thermocouple wire shield through the terminal block or to the ground with no additional spacing.

Accessories





	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End sections**	2.8 mm	*0.110 in*	Grey	FEM6	1SNA118368R1600	20	2.40
2	**Shield connectors**				CBM5	1SNA178745R1400	50	

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

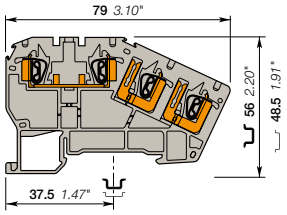
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D2.5/5.C3.L spring terminal blocks
Sensors / Actuators - 5 mm *0.197 in* spacing





D2.5/5.C3.L



5 mm *0.197 in* spacing

Description
- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	3 wires	Grey	D2.5/5.C3.L	1SNA290350R2100		50	11.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm²		*24-16 AWG*
	Flexible	0.14-1.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1 mm²		
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm²		*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		300 V		*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

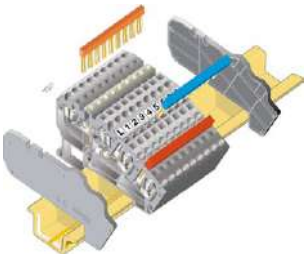
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

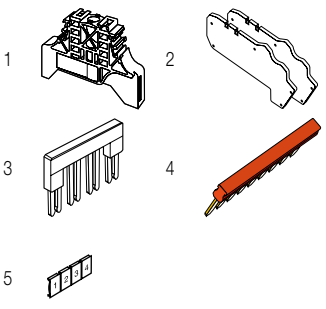
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Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

Accessories



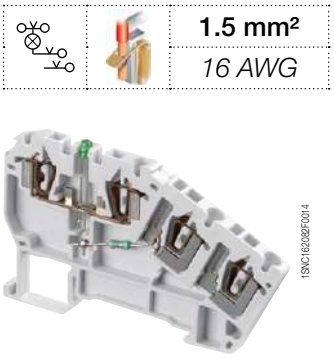
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End section kits**	5 mm	*0.197 in*	Grey	FED5.C3.L	1SNA290358R2500		20	10.00
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Lateral jumper bars**	34 poles		Blue	PC5.34	1SNA290365R1400		10	18.00
				Red		1SNA290366R1500		10	18.00
				Green-yellow		1SNA290367R1600		10	18.00
5	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

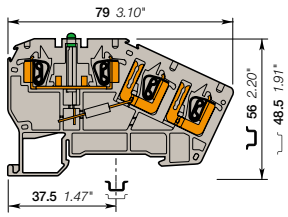
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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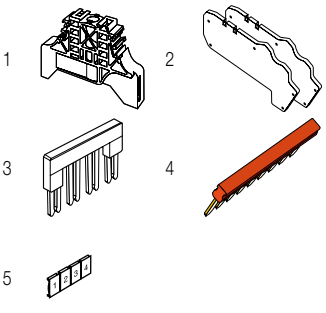
D2.5/5.C3.L spring terminal blocks
Sensors / Actuators - 5 mm *0.197 in* spacing



D2.5/5.C3.L



5 mm *0.197 in* spacing



1.5 mm²
16 AWG

Description

- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Quickly identify the circuit status thanks to the indicator.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	3 wires with green bidirectional LED 24 V DC	Grey	D2.5/5.C3.L.L	1SNA290352R1700		50	11.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm²		*24-16 AWG*
	Flexible	0.14-1.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1 mm²		
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm²		*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		300 V		*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

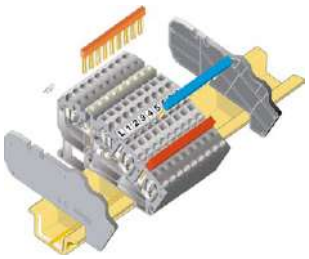
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End section kits**	5 mm	*0.197 in.*	Grey	FED5.C3.L	1SNA290358R2500		20	10.00
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Lateral jumper bars**	34 poles		Blue	PC5.34	1SNA290365R1400		10	18.00
				Red		1SNA290366R1500		10	18.00
				Green-yellow		1SNA290367R1600		10	18.00
5	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

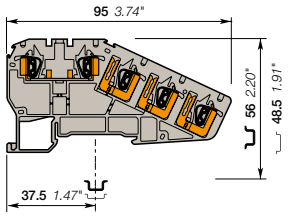
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D2.5/5.C4.L spring terminal blocks
Sensors / Actuators - 5 mm *0.197 in* spacing





D2.5/5.C4.L



5 mm *0.197 in* spacing

9

Description
- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	4 wires sensor	Grey	D2.5/5.C4.L	1SNA290354R1100		50	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm²		*24-16 AWG*
	Flexible	0.14-1.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1 mm²		
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm²		*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		300 V		*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

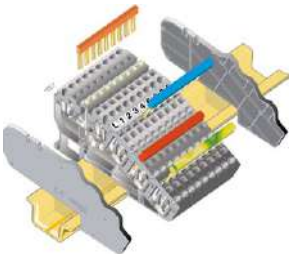
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

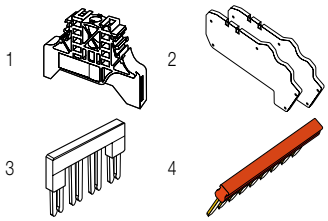
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Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

Accessories



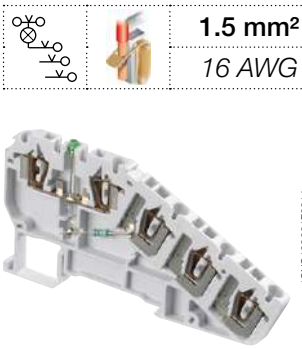
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End section kits**	5 mm	*0.197 in*	Grey	FED5.C4.L	1SNA290360R2300		20	10.00
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Lateral jumper bars**	34 poles		Blue	PC5.34	1SNA290365R1400		10	18.00
				Red		1SNA290366R1500		10	18.00
				Green-yellow		1SNA290367R1600		10	18.00
5	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
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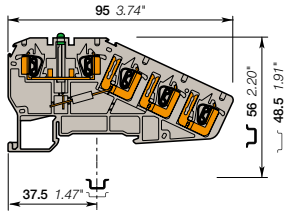
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162029S0201 - Rev. A

D2.5/5.C4.L spring terminal blocks
Sensors / Actuators - 5 mm *0.197 in* spacing



D2.5/5.C4.L



5 mm *0.197 in* spacing

1.5 mm²
16 AWG

Description
- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Quickly identify the circuit status thanks to the indicator.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	4 wires with bidirectional green LED 24 V DC	Grey	D2.5/5.C4.L.L	1SNA290356R1300		50	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm²		*24-16 AWG*
	Flexible	0.14-1.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1 mm²		
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm²		*10 A / 16 AWG*
Rated short-time withstand current (1s)		180 A		
Rated voltage		300 V		*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

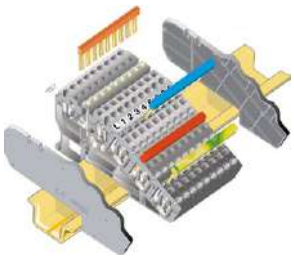
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

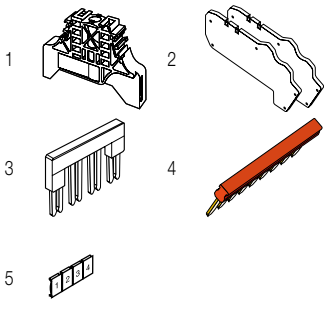
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Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End section kits**	5 mm	*0.197 in*	Grey	FED5.C4.L	1SNA290360R2300		20	10.00
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Lateral jumper bars**	34 poles		Blue	PC5.34	1SNA290365R1400		10	18.00
				Red		1SNA290366R1500		10	18.00
				Green-yellow		1SNA290367R1600		10	18.00
5	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

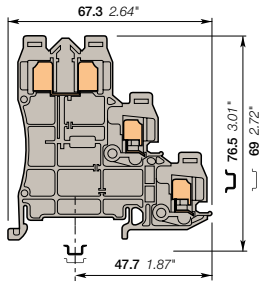
1SNC162030S0201 - Rev. A

D1/5.C3.ADO IDC terminal blocks
Sensors / Actuators ADO-ADO - 5 mm *0.197 in* spacing





D1/5.C3.ADO



5 mm *0.197 in* spacing

Description
- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	For 3 wire sensor	Grey	D1/5.C3.ADO	1SNA399689R1300		50	9.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*24-20 AWG*
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		13.5 A / 1 mm²		*12 A / 20 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		250 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

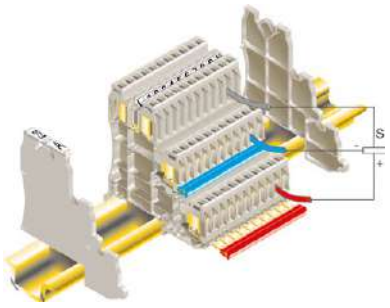
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

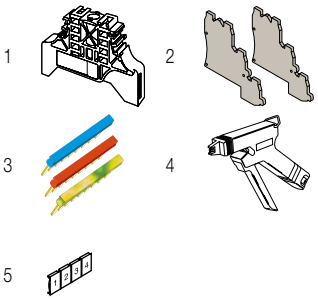
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All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes



Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End section kits**			Grey	FED5.C3.ADO	1SNA399678R2700		20	10.00
3	**Lateral jumper bars**	10 poles		Red	PC52.10	1SNA399683R0500		10	5.00
				Blue		1SNA399684R0600		10	5.00
				Green-yellow		1SNA399685R0700		10	5.00
		66 poles		Red	PC52.66	1SNA399707R1500		5	30.00
				Blue		1SNA399708R2600		5	30.00
				Green-yellow		1SNA399709R2700		5	30.00
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
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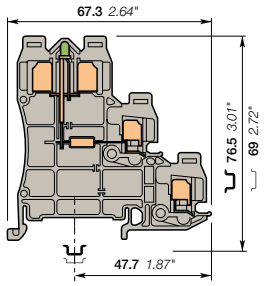
1SNC163044S0201 - Rev. A

D1/5.C3.ADO IDC terminal blocks
Sensors / Actuators ADO-ADO - 5 mm *0.197 in* spacing





D1/5.C3.ADO



5 mm *0.197 in* spacing

Description
- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	For 3 wire sensor with green bidirectional LED 24 VDC	Grey	D1/5.C3.ADO.L	1SNA399690R1000		50	10.00

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*24-20 AWG*
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		13.5 A / 1 mm²		*12 A / 20 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		250 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

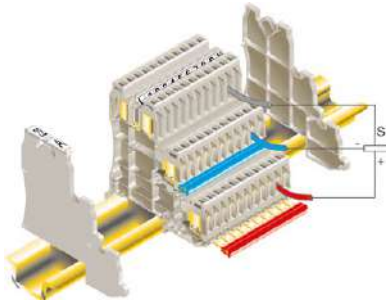
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

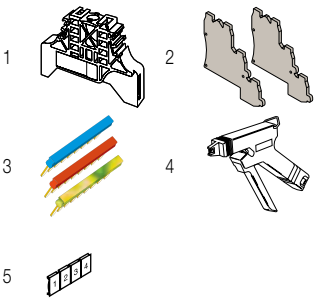
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Notes



Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End section kits**			Grey	FED5.C3.ADO	1SNA399678R2700		20	10.00
3	**Lateral jumper bars**	10 poles		Red	PC52.10	1SNA399683R0500		10	5.00
				Blue		1SNA399684R0600		10	5.00
				Green-yellow		1SNA399685R0700		10	5.00
		66 poles		Red	PC52.66	1SNA399707R1500		5	30.00
				Blue		1SNA399708R2600		5	30.00
				Green-yellow		1SNA399709R2700		5	30.00
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

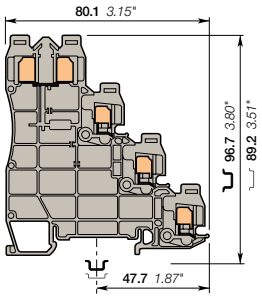
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D1/5.C4.ADO IDC terminal blocks
Sensors / Actuators ADO-ADO - 5 mm *0.197 in* spacing

	1 mm²
	20 AWG



D1/5.C4.ADO



5 mm *0.197 in* spacing

Description
- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	For 4 wire sensor	Grey	D1/5.C4.ADO	1SNA399692R0600		50	

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		*24-20 AWG*
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		13.5 A / 1 mm²		*12 A / 20 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		250 V		*600 V*
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

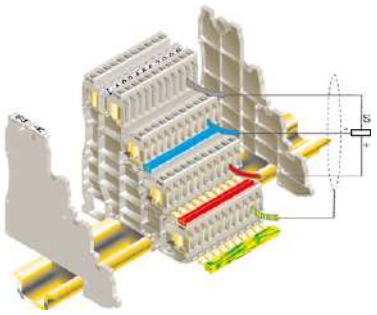
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

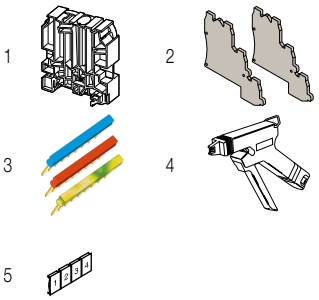
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Notes



Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End section kits**			Grey	FED5.C4.ADO	1SNA399679R2000		10	10.00
3	**Lateral jumper bars**	10 poles		Red	PC52.10	1SNA399683R0500		10	5.00
				Blue		1SNA399684R0600		10	5.00
				Green-yellow		1SNA399685R0700		10	5.00
		66 poles		Red	PC52.66	1SNA399707R1500		5	30.00
				Blue		1SNA399708R2600		5	30.00
				Green-yellow		1SNA399709R2700		5	30.00
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
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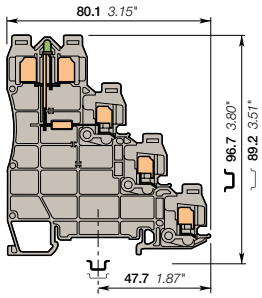
1SNC163046S0201 - Rev. A

D1/5.C4.ADO IDC terminal blocks
Sensors / Actuators ADO-ADO - 5 mm *0.197 in* spacing





D1/5.C4.ADO



5 mm *0.197 in* spacing

Description
- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm *0.197 in* spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Sensor	For 4 wire sensor with green bidirectional LED 24 VDC	Grey	D1/5.C4.ADO.L	1SNA399693R0700		50	

Main technical data

		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.2-1 mm²		
	Flexible	0.22-1 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		13.5 A / 1 mm²		
Rated short-time withstand current (1s)		120 A		
Rated voltage		250 V		
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

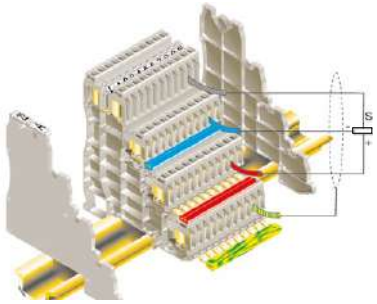
Mounting instructions

Rail	TH 35-7.5, TH 35-15
Wire stripping length	
Tool	
Torque	

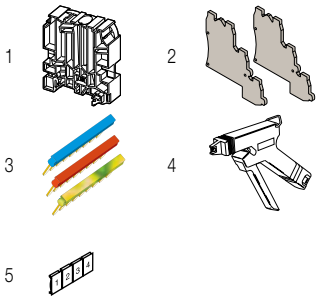
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R

Notes



Accessories

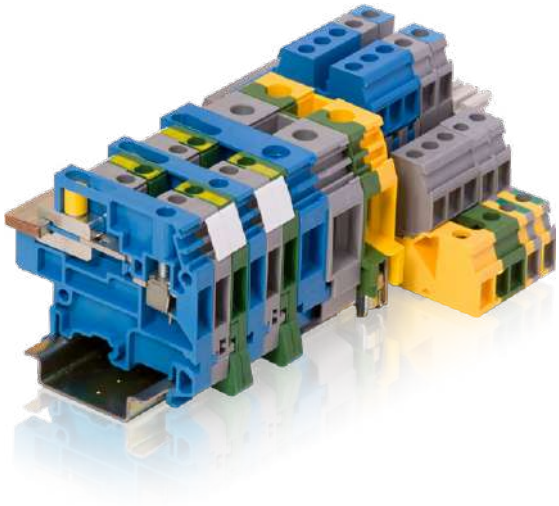


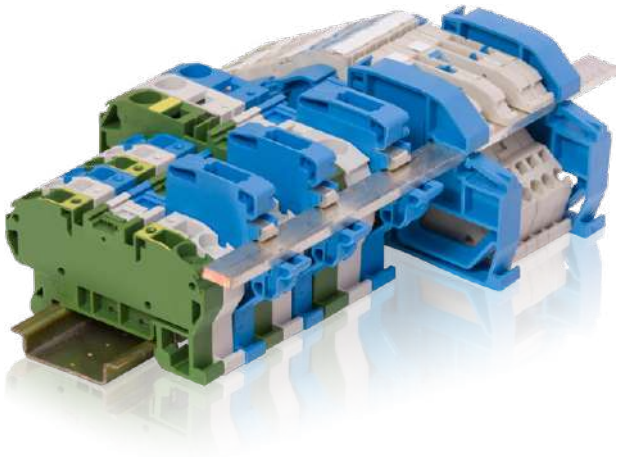
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End section kits**			Grey	FED5.C4.ADO	1SNA399679R2000		10	10.00
3	**Lateral jumper bars**	10 poles		Red	PC52.10	1SNA399683R0500		10	5.00
				Blue		1SNA399684R0600		10	5.00
				Green-yellow		1SNA399685R0700		10	5.00
		66 poles		Red	PC52.66	1SNA399707R1500		5	30.00
				Blue		1SNA399708R2600		5	30.00
				Green-yellow		1SNA399709R2700		5	30.00
4	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
5	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163047S0201 - Rev. A

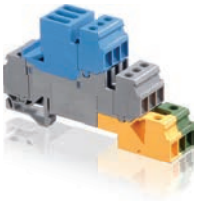


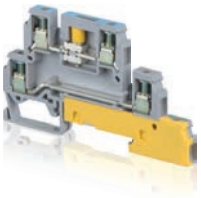


1SNC160103S0201

Solution series, terminal blocks
Installation terminal blocks












Technologies presentation 198
Overview 200

Screw clamp technology

Multi-level terminal blocks compatible with busbar

4 mm² / *12 AWG*	**D4/6.NTLP**	Disconnect neutral + feed-through + ground	203
	D4/6.NLP	Neutral + feed-through + ground	204
	D4/6.LLP	Feed-through + ground	205
	D4/6.LL	Feed-through	206
	D4/6.LNTP1 & D4/6.LNTP3	Disconnect neutral + feed-through + ground	207
	D4/6.LNTP2 & D4/6.LNTP8	Neutral + feed-through + ground	209
	D4/6.LNTP4 & D4/6.LNTP7	Feed-through + ground	211
	D4/6.LNTP6	Feed-through	213

Multi-level terminal blocks

4 mm² / *12 AWG*	**D4/6.A.NTLP**	Disconnect neutral + feed-through + ground	214
	D4/6.A.LLP	Feed-through + ground	215

Compatible with busbar

2.5 mm²	**MA2.5/5.NT**	Neutral disconnect	216
4 mm²	**M4/6.NT**	Neutral disconnect	217
6 mm²	**M6/8.NT**	Neutral disconnect	218
10 mm²	**M10/10.NT**	Neutral disconnect	219
16 mm²	**M16/12.NT**	Neutral disconnect	220
35 mm²	**M35/16.NT**	Neutral disconnect	221

Spring clamp technology

Multi-level terminal blocks compatible with busbar

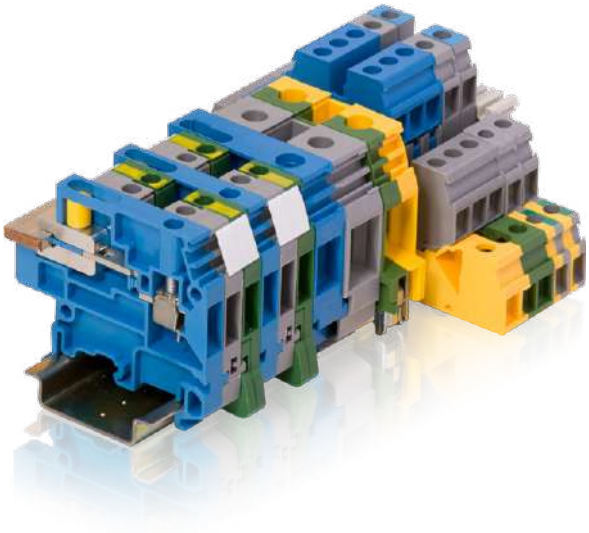
2.5 mm² / *12 AWG*	**D2.5/5.NTLP.L**	Disconnect neutral + feed-through + ground	222
	D2.5/5.NLP.L	Neutral + feed-through + ground	223
	D2.5/5.NL.L	Neutral + feed-through	224
	D2.5/5.LLP.L	Feed-through + ground	225
	D2.5/5.LL.L	Feed-through	226

Compatible with busbar

4 mm²	**D4/6.NT.L**	Neutral disconnect	227
6 mm²	**D6/8.NT.L**	Neutral disconnect	228
10 mm²	**D10/10.NT.L**	Neutral disconnect	229

1SNC160103S0201

Solution series, terminal blocks
Installation terminal blocks



The preferred choice for building industry

The installation terminal blocks are largely used in distribution cabinets of public buildings and meet wiring and connection requirements of installations designed in accordance with DIN VDE 0100 or DIN VDE 0108.

They allow:
- Compact signal distribution thanks to multi-level terminal locks
- Insulation test without disconnecting the neutral conductor thanks to neutral disconnect function on TNS or TNC-S networks.

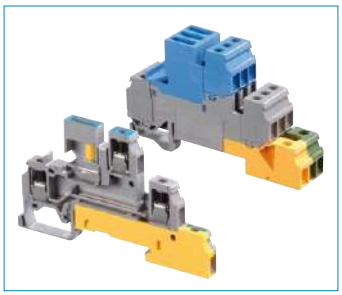
Select from our various choice of functions and technologies

Installation terminal blocks

Our product family offer multi-circuit configuration to ease the distribution of single phase or 3 phase circuits.
Installation terminal blocks are proposed in screw clamp and spring clamp technologies.
Various configurations allow distribution of feed-through, neutral, neutral disconnect and ground circuits in a compact format.
Select from our single type terminal blocks or prefer multi-circuit compact and closed solution (screw clamp technology) combining up to 9 circuits on one single terminal block.
Neutral bar is aligned with standard single deck terminal blocks and ensures full compatibility with standard feed-through, neutral disconnect, or ground terminal blocks.

Neutral disconnect terminal blocks

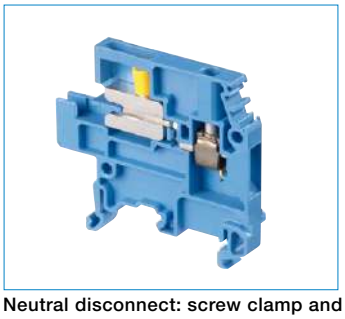
Neutral disconnect function is mandatory on TNS or TN-C-S networks used in public buildings and installation complying with VDE 0108.
Standard specifies:
"The distribution must be designed so that it is possible to measure the insulation resistance of all conductors to ground for each individual outgoing circuit with conductor cross sections up to 10 mm^2. This measurement must be performed without disconnecting the neutral conductor. e.g. through the installation of neutral conductor disconnect terminal blocks."
Our terminals allow simple connection or disconnection of neutral bar thanks to a sliding link and are available in 2 technologies screw clamp and spring clamp.

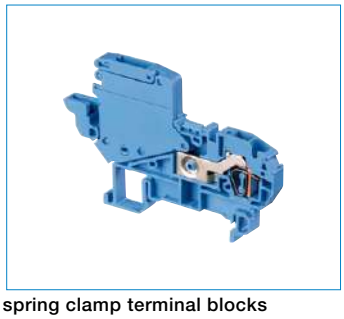


Multi-level screw clamp terminal blocks



Multi-level spring clamp terminal blocks





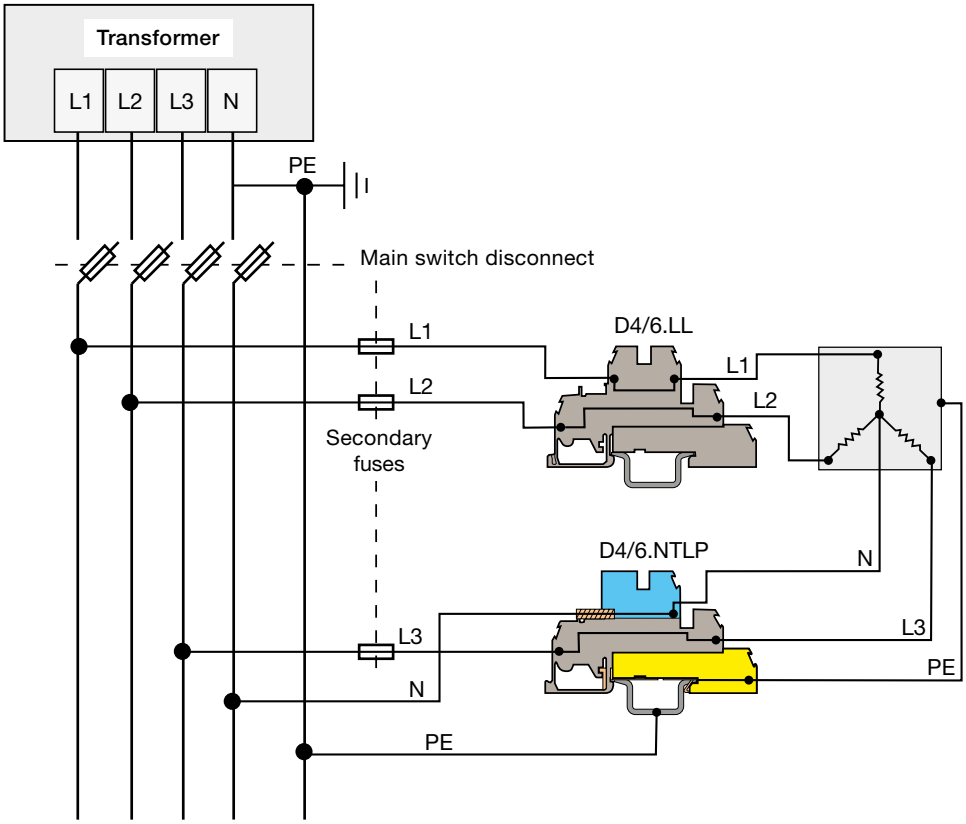
Neutral disconnect: screw clamp and spring clamp terminal blocks

1SNC161166S0201

Solution series, terminal blocks
Installation terminal blocks

3 phase distribution example with installation screw clamp terminal blocks

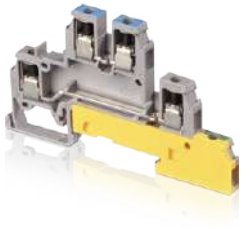
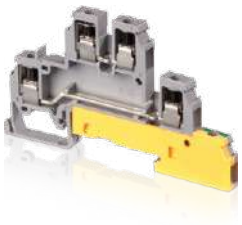
D4/6.NTLP allows single phase distribution and neutral disconnect
D4/6.LL complement for 3 phase configuration



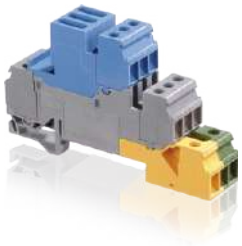
1SNC161169S0201

Solution series, terminal blocks
Installation terminal blocks

Screw clamp technology, multi-level terminal blocks compatible with busbar

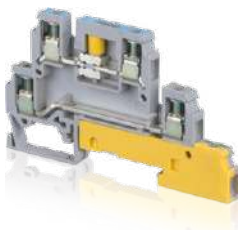
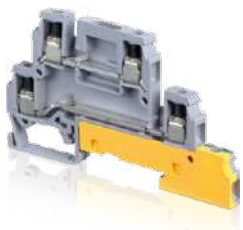

		NTLP	NLP	LLP	LL
Section					
IEC	*UL/CSA*				
4 mm²	***12 AWG***	**D4/6.NTLP** 6 mm *0.236 in*	**D4/6.NLP** 6 mm *0.236 in*	**D4/6.LLP** 6 mm *0.236 in*	**D4/6.LL** 6 mm *0.236 in*






		NTLP		NLP		LLP		LL
Section								
IEC	*UL/CSA*							
4 mm²	***12 AWG***	**D4/6.LNTP1**	**D4/6.LNTP3**	**D4/6.LNTP2**	**D4/6.LNTP8**	**D4/6.LNTP4**	**D4/6.LNTP7**	**D4/6.LNTP6**
		6 mm *0.236 in*		6 mm *0.236 in*		6 mm *0.236 in*		6 mm *0.236 in*

Screw clamp technology, multi-level terminal blocks

		NTLP	NLP	LLP	LL
Section					
IEC	*UL/CSA*				
4 mm²	***12 AWG***	**D4/6.A.NTLP** 6 mm *0.236 in*		**D4/6.A.LLP** 6 mm *0.236 in*	

1SNC160102S0201

Screw clamp technology, compatible with busbar







Section		Neutral disconnect		Feed-through		Ground	
IEC	*UL/CSA*						
2.5 mm		**MA2.5/5.NT**	5 mm *0.197 in*	**MA2.5/5**	5 mm *0.197 in*	**MA2.5/5.P**	5 mm *0.197 in*
4 mm²	*12 AWG*	**M4/6.NT**	6 mm *0.236 in*	**M4/6**	6 mm *0.236 in*	**M4/6.P**	6 mm *0.236 in*
6 mm²	*8 AWG*	**M6/8.NT**	8 mm *0.315 in*	**M6/8**	8 mm *0.315 in*	**M6/8.P**	8 mm *0.315 in*
10 mm²	*6 AWG*	**M10/10.NT**	10 mm *0.394 in*	**M10/10**	10 mm *0.394 in*	**M10/10.P**	10 mm *0.394 in*
16 mm²		**M16/12.NT**	12 mm *0.472 in*	**M16/12**	12 mm *0.472 in*	**M16/12.P**	12 mm *0.472 in*
35 mm²	*0 AWG*	**M35/16.NT**	17 mm *0.669 in*	**M35/16**	16 mm *0.630 in*	**M35/16.P**	16 mm *0.630 in*

Main catalog
SNA series, terminal blocks



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All the technical data for UL/CSA standard and dimensions in inches are in italic.

Solution series, terminal blocks
Installation terminal blocks

Spring clamp technology, multi-level terminal blocks compatible with busbar



Section		NTLP	NLP	NL	LLP	LL
IEC	*UL/CSA*					
2.5 mm²	*12 AWG*	D2.5/5.NTLP.L 5 mm *0.197 in*	D2.5/5.NLP.L 5 mm *0.197 in*	D2.5/5.NL.L 5 mm *0.197 in*	D2.5/5.LLP.L 5 mm *0.197 in*	D2.5/5.LL.L 5 mm *0.197 in*

Spring clamp technology, compatible with busbar



Section		Neutral disconnect	Feed-through	Ground
IEC	*UL/CSA*			
4 mm²		D4/6.NT.L 6 mm *0.236 in*	D4/6.2L 6 mm 0.236 in	D4/6.P.2L 6 mm 0.236 in
6 mm²		D6/8.NT.L 8 mm *0.315 in*	D6/8.2L 8 mm 0.315 in	D6/8.P.2L 8 mm 0.315 in
10 mm²		D10/10.NT.L 10 mm *0.394 in*	D10/10.1.2L 10 mm 0.394 in	D10/10.1.P.2L 10 mm 0.394 in

Main catalog
SNA series, terminal blocks

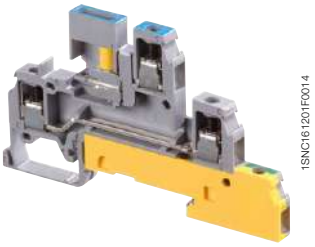


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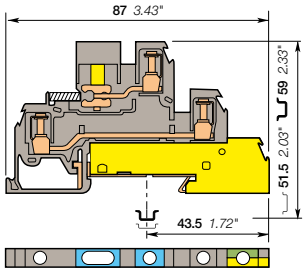
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D4/6.NTLP screw clamp terminal blocks
Installation - 6 mm *0.236 in* spacing





D4/6.NTLP



6 mm *0.236 in* spacing

Description
– According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
– Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Disconnect neutral + feed-through + ground	Grey, blue, Green-yellow	D4/6.NTLP	1SNA110439R2200		20	20.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

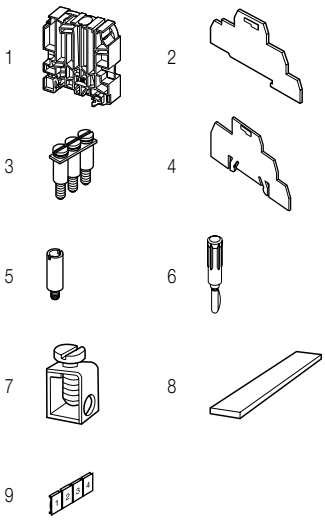
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Screw clamp		Flat screwdriver
Tool		Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*
Disconnect device		Flat screwdriver
Tool		Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



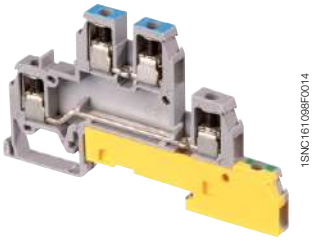
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey	FED6	1SNA116964R1200		20	3.00
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
4	**Circuit separators**	1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
5	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
7	**Clamps**	0.5-35 mm²			SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
8	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
9	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

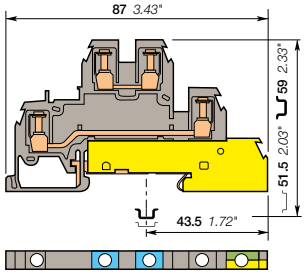
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/6.NLP screw clamp terminal blocks
Installation - 6 mm *0.236 in* spacing





D4/6.NLP



6 mm *0.236 in* spacing

Description
– According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
– Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Neutral + feed-through + ground	Grey, blue, Green-yellow	D4/6.NLP	1SNA110440R0700		20	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

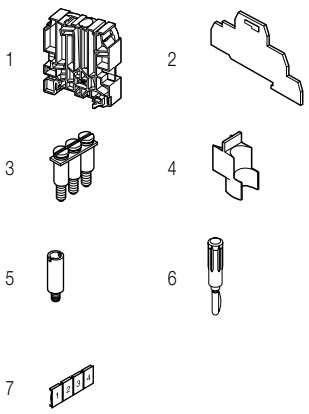
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey	FED6	1SNA116964R1200		20	3.00
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
4	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
5	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
7	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

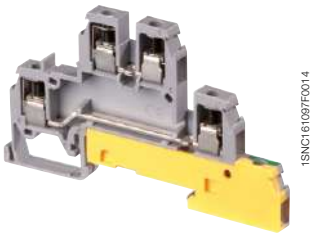
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

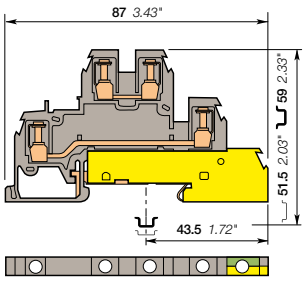
1SNC161066S0201 - Rev. A

D4/6.LLP screw clamp terminal blocks
Installation - 6 mm *0.236 in* spacing





D4/6.LLP



6 mm *0.236 in* spacing

Description
– According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
– Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through + ground	Grey, Green-yellow	D4/6.LLP	1SNA110441R2400		20	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

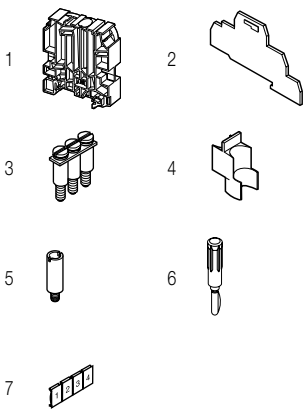
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey	FED6	1SNA116964R1200		20	3.00
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
4	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
5	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
7	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

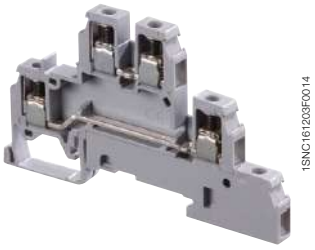
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

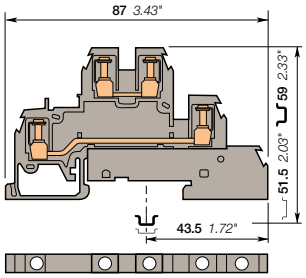
D4/6.LL screw clamp terminal blocks
Installation - 6 mm *0.236 in* spacing



4 mm²
12 AWG



D4/6.LL



6 mm *0.236 in* spacing

Description
– According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
– Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through	Grey ☐	D4/6.LL	1SNA110442R2500		20	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

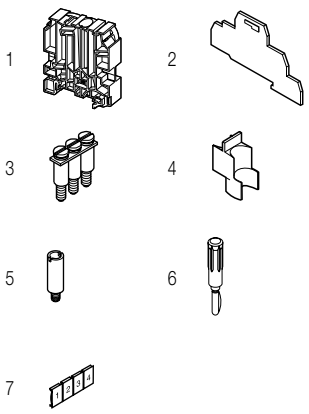
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

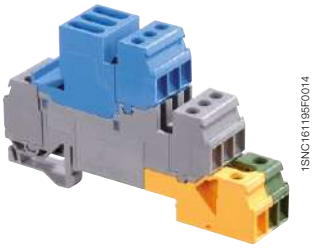
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FED6	1SNA116964R1200		20	3.00
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
4	**Circuit separators**	0 mm	*0 in*	White ☐	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey ☐	SCFD	1SNA114117R0700		10	10.00
5	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2	1SNA007865R2600		100	
7	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

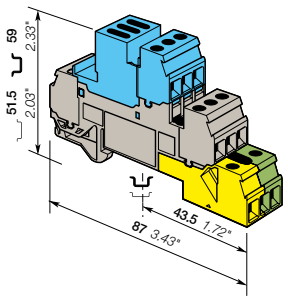
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing





D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
- Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	3 disconnect neutral + 3 feed-through + 3 ground	Blue, grey, green-yellow	D4/6.LNTP1	1SNA110264R0200		10	70.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	20 A / *12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		320 V	*300 V*	*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

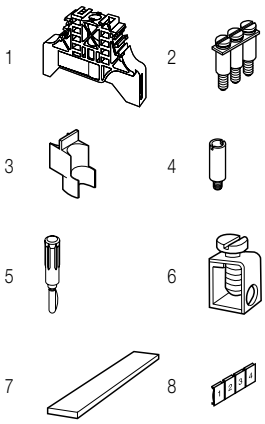
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Screw clamp Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Clamps**	0.5-35 mm²			SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
7	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
8	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

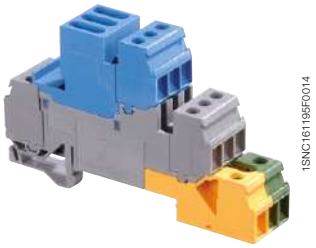
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161072S0201 - Rev. A

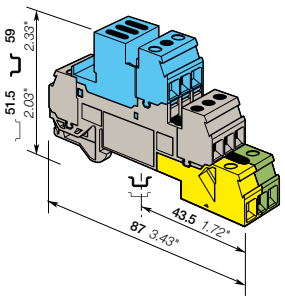
D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing



4 mm²
12 AWG



D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
– Closed terminal block: no end section needed,
– According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
– Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	1 disconnect neutral + 3 feed-through + 1 ground	Blue, grey, green-yellow	D4/6.LNTP3	1SNA110269R1700		10	70.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	20 A / *12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		320 V	*300 V*	*300 V*
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

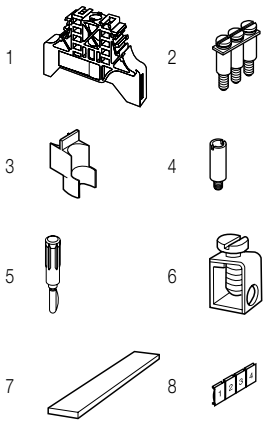
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Screw clamp Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Clamps**	0.5-35 mm²			SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
7	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
8	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

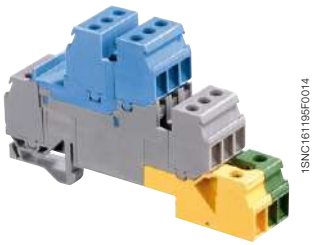
Complete list of accessories is indicated in the terminal block datasheet.
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All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

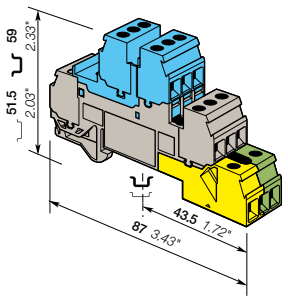
1SNC161073S0201 - Rev. A

D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing





D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
- Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	3 neutral + 3 feed-through + 3 ground	Blue, grey, Green-yellow	D4/6.LNTP2	1SNA110327R2100		10	70.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

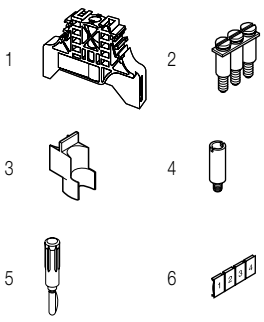
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS USR CSA Gost R

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Accessories

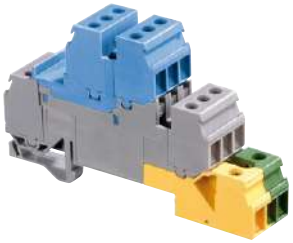
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

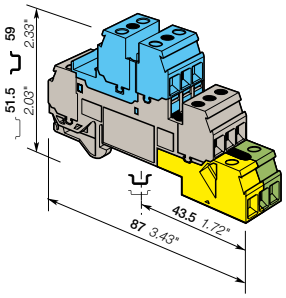
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing





D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
- Closed terminal block: no end section needed.
- According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
- Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	1 neutral + 3 feed-through + 1 ground	Blue, Grey, Green-Yellow	D4/6.LNTP8	1SNA110333R2700		10	60.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

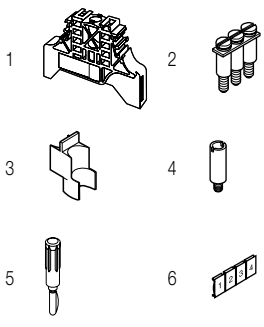
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A	Grey	BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

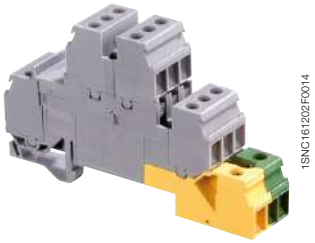
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

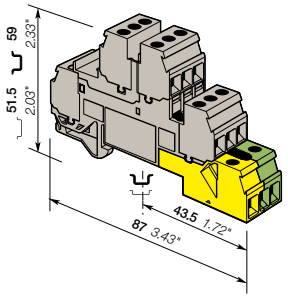
1SNC161079S0201 - Rev. A

D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing





D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
- Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	6 feed-through + 3 ground	Grey, Green-yellow	D4/6.LNTP4	1SNA110328R0200		10	70.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

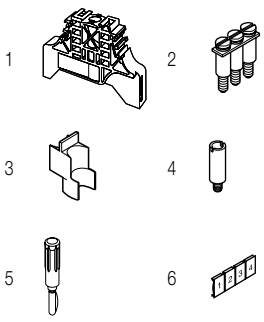
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

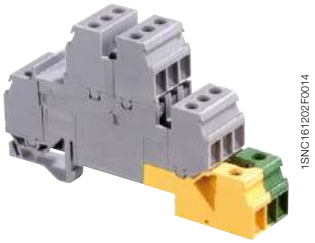
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

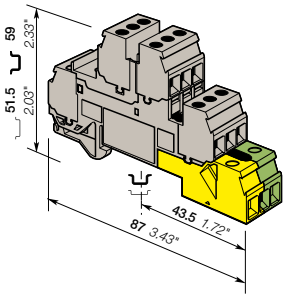
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing





D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
- Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	6 feed-through + 1 ground	Grey, Green-yellow	D4/6.LNTP7	1SNA110332R2600		10	60.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

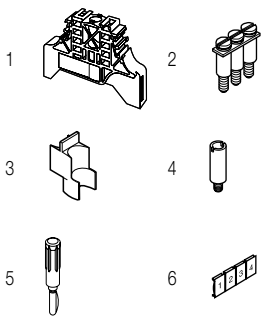
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
6	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

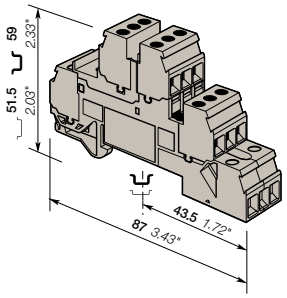
1SNC161082S0201 - Rev. A

D4/6.LNTP screw clamp terminal blocks
Installation - 17.8 mm *0.701 in* spacing





D4/6.LNTP



17.8 mm *0.701 in* spacing

Description
- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm),
- Compatible with busbar.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	6 feed-through	Grey ☐	D4/6.LNTP6	1SNA110331R2500		10	63.10

Main technical data

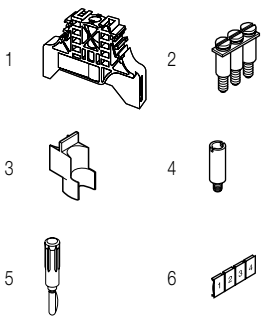
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	*18-12 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 N.m *3.5 - 7 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when apply) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

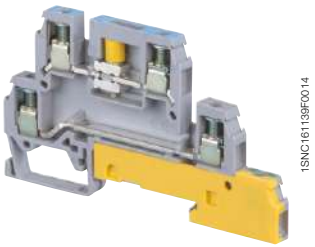
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey ☐	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
3	**Circuit separators**	0 mm	*0 in*	White ☐	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey ☐	SCFD	1SNA114117R0700		10	10.00
4	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
5	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2	1SNA007865R2600		100	
6	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

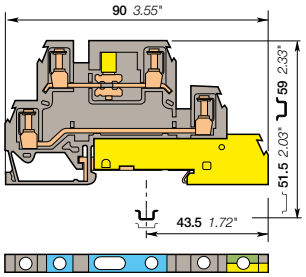
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D4/6.A.NTLP screw clamp terminal blocks
Installation - 6 mm *0.236 in* spacing





D4/6.A.NTLP



6 mm *0.236 in* spacing

Description
According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Disconnect neutral + feed-through + ground	Grey, blue, Green-yellow	D4/6.A.NTLP	1SNA110415R1200		10	

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		320 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

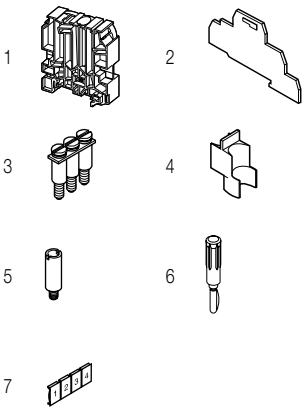
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Screw clamp Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.8 Nm *3.5 - 7 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey	FED6	1SNA116964R1200		20	3.00
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
4	**Circuit separators**	0 mm	*0 in*	White	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey	SCFD	1SNA114117R0700		10	10.00
5	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
7	**Terminal block markers**	Blank card		White	RC65	1SNA232000R0000		1	3.60

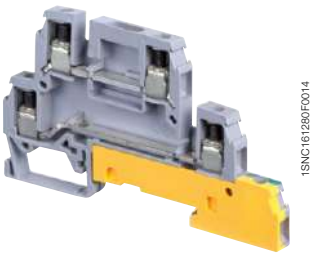
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

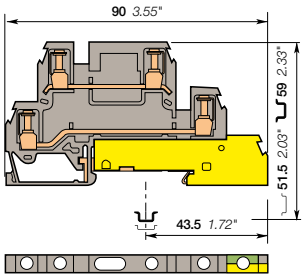
1SNC161128S0201 - Rev. A

D4/6.A.LL screw clamp terminal blocks
Installation - 6 mm *0.236 in* spacing





D4/6.A.LL



6 mm *0.236 in* spacing

Description
According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through + ground	Grey, Green-yellow	D4/6.A.LLP	1SNA110418R2500		20	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*18-12 AWG*	
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	*300 V*	
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

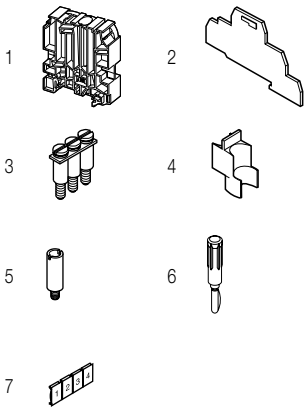
Rail	G32, TH 35-7.5, TH 35-15
Wire stripping length	9.5 mm *0.37 in*
Screw clamp Tool	Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque	0.4 - 0.8 Nm *3.5 - 7 lb.in*
Disconnect device Tool	
Torque	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



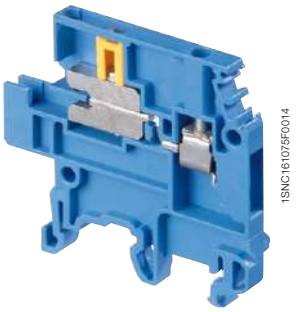
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEDA6	1SNA116965R1300		20	3.60
3	**Jumper bars**	2 poles	32 A		BJM62	1SNA173217R2600		10	2.00
		3 poles				1SNA173218R0700		10	3.00
		4 poles				1SNA173219R0000		10	4.00
		5 poles				1SNA173221R2200		10	5.00
		10 poles				1SNA173226R2700		10	10.00
4	**Circuit separators**	0 mm	*0 in*	White ☐	SCD	1SNA103189R2600		10	1.00
		1.5 mm	*0.059 in*	Grey ☐	SCFD	1SNA114117R0700		10	10.00
5	**Test sockets**	DIA 2 mm	*0.079 in*		AL2	1SNA167319R0600		50	
6	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2	1SNA007865R2600		100	
7	**Terminal block markers**	Blank card		White ☐	RC65	1SNA232000R0000		1	3.60

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

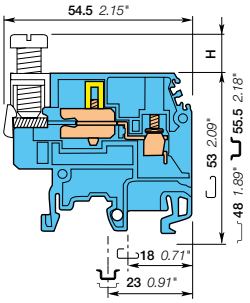
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

MA2.5/5.NT screw clamp terminal blocks
Neutral disconnect - 5 mm *0.197 in* spacing





MA2.5/5.NT



5 mm *0.197 in* spacing

Description
– Ease the disconnection of your neutral circuits,
– Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm *0.200 in* spacing) to 16 mm² (12 mm *0.473 in* spacing).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	For busbar 10 x 3 mm	Blue	MA2.5/5.NT	1SNA125487R0600		50	12.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		
	Flexible	0.22-2.5 mm²		
	with insulated ferrule			
	Gauge	A3		
Rated current / Rated cross section		24 A / 2.5 mm²		
Rated short-time withstand current (1s)		300 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

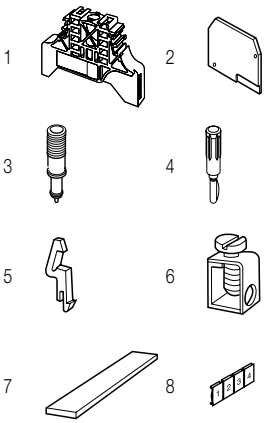
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.39 in*
Screw clamp Tool		Flat screwdriver Ø 3.5 mm *Ø 0.14 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.16 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. for more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey	FEM6	1SNA118368R1600		20	2.40
3	**Test adapters**			Green	DCV	1SNA173058R0200		10	2.20
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Locking devices**	For busbar BO3		Blue	VRB3	1SNA128035R1600		10	
6	**Clamps**	0.5-35 mm²	*18-2 AWG*		SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
7	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
8	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

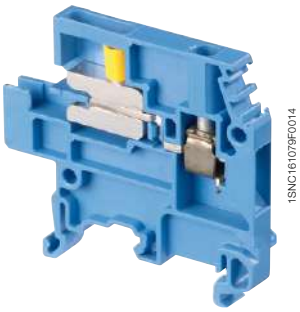
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only

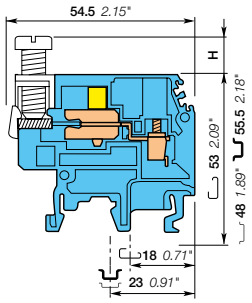
1SNC161086S0201 - Rev. A

M4/6.NT screw clamp terminal blocks
Neutral disconnect - 6 mm *0.236 in* spacing





M4/6.NT



6 mm *0.236 in* spacing

Description
- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm *0.200 in* spacing) to 16 mm² (12 mm *0.473 in* spacing).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	For busbar 10 x 3 mm	Blue	M4/6.NT	1SNA125117R0200		50	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		*18-12 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		32 A / 4 mm²		25 A / *12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V		*300 V*
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

Mounting instructions

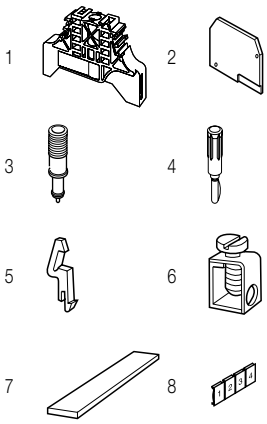
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Screw clamp Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



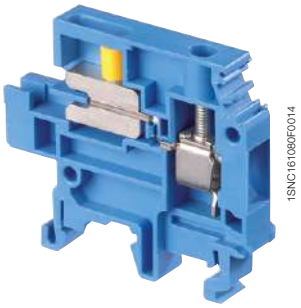
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey	FEM6	1SNA118368R1600		20	2.40
3	**Test adapters**			Green	DCV	1SNA173058R0200		10	2.20
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
5	**Locking devices**	For busbar BO3		Blue	VRB3	1SNA128035R1600		10	
6	**Clamps**	0.5-35 mm²	*18-2 AWG*		SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
7	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
8	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

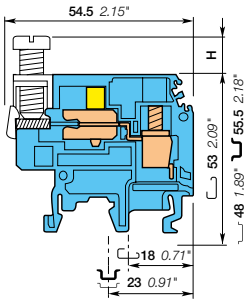
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M6/8.NT screw clamp terminal blocks
Neutral disconnect - 8 mm *0.315 in* spacing





M6/8.NT



8 mm *0.315 in* spacing

Description
- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm *0.200 in* spacing) to 16 mm² (12 mm *0.473 in* spacing).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	For busbar 10 x 3 mm	Blue	M6/8.NT	1SNA125119R1400		50	17.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		*18-8 AWG*
	Flexible	0.5-6 mm²		
	with insulated ferrule			
	Gauge	A5		
Rated current / Rated cross section		41 A / 6 mm²		50 A / *8 AWG*
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		*300 V*
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

Mounting instructions

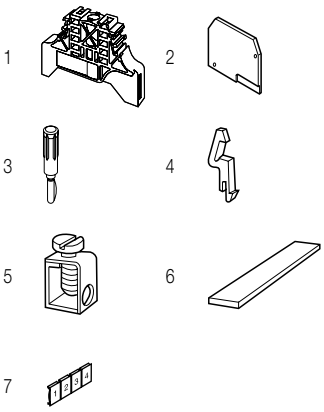
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Screw clamp Tool		Flat screwdriver Ø 4-5 mm *Ø 0.16-0.20 in*
Torque		0.8 - 1 N.m *7.1 - 8.9 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.16 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. for more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey	FEM6	1SNA118368R1600		20	2.40
3	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
4	**Locking devices**	For busbar BO3		Blue	VRB3	1SNA128035R1600		10	
5	**Clamps**	0.5-35 mm²	*18-2 AWG*		SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
6	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
7	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

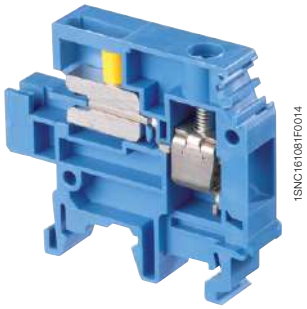
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only

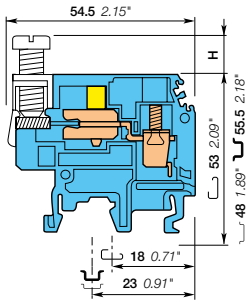
1SNC161088S0201 - Rev. A

M10/10.NT screw clamp terminal blocks
Neutral disconnect - 10 mm *0.394 in* spacing





M10/10.NT



10 mm *0.394 in* spacing

Description

– Ease the disconnection of your neutral circuits,
– Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm *0.200 in* spacing) to 16 mm² (12 mm *0.473 in* spacing).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	For busbar 10 x 3 mm	Blue	M10/10.NT	1SNA125121R0600		50	19.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²		*18-6 AWG*
	Flexible	0.5-10 mm²		
	with insulated ferrule			
	Gauge	B6		
Rated current / Rated cross section		57 A / 10 mm²		75 A / *6 AWG*
Rated short-time withstand current (1s)		1200 A		
Rated voltage		400 V		*300 V*
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

Mounting instructions

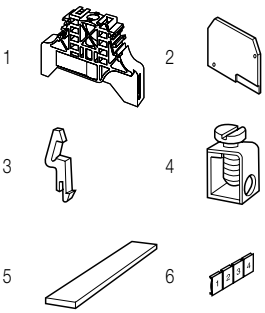
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Screw clamp Tool		Flat screwdriver Ø 5.5-6 mm *Ø 0.22-0.24 in*
Torque		1.2 - 1.4 N.m *10.6 - 12.3 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.16 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



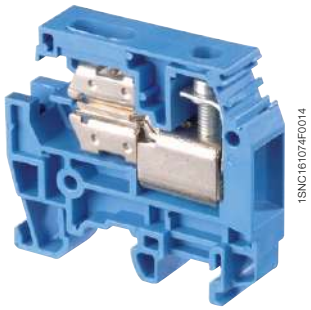
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey	FEM6	1SNA118368R1600		20	2.40
3	**Locking devices**	For busbar BO3		Blue	VRB3	1SNA128035R1600		10	
4	**Clamps**	0.5-35 mm² *18-2 AWG*			SFB1	1SNA163860R0500		50	12.00
		16-35 mm² *6-2 AWG*			SFB2	1SNA168956R0600		50	11.00
5	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
6	**Terminal block markers**	Blank card		White	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

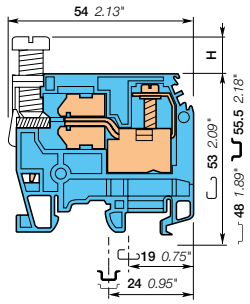
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only

M16/12.NT screw clamp terminal blocks
Neutral disconnect - 12 mm *0.472 in* spacing





M16/12.NT



12 mm *0.472 in* spacing

Description
- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm *0.200 in* spacing) to 16 mm² (12 mm *0.473 in* spacing).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	For busbar 10 x 3 mm	Blue	M16/12.NT1	1SNA125593R0000		20	26.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	2.5-25 mm²		
	Flexible	2.5-16 mm²		
	with insulated ferrule			
	Gauge	B7		
Rated current / Rated cross section		76 A / 16 mm²		
Rated short-time withstand current (1s)		1920 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

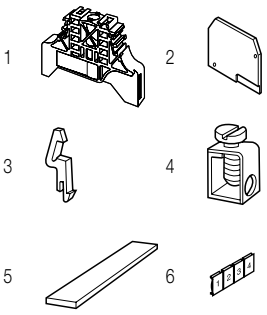
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		14 mm *0.51 in*
Screw clamp Tool		Flat screwdriver Ø 5.5 mm *Ø 0.22 in*
Torque		1.2 - 1.4 N.m *10.6 - 12.3 lb.in*
Disconnect device Tool		Flat screwdriver Ø 4 mm *Ø 0.16 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. for more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	2.8 mm	*0.110 in*	Grey	FEM6	1SNA118368R1600		20	2.40
3	**Locking devices**	For busbar BO3		Blue	VRB3	1SNA128035R1600		10	
		For busbar BO6			VRB6	1SNA128361R0100		20	
4	**Clamps**	0.5-35 mm² *18-2 AWG*			SFB1	1SNA163860R0500		50	12.00
		16-35 mm² *6-2 AWG*			SFB2	1SNA168956R0600		50	11.00
5	**Busbars**	Busbars			BO3	1SNA164406R2400		1	
6	**Terminal block markers**	Blank card		White	RC1010	1SNA238000R1600		1	1.30

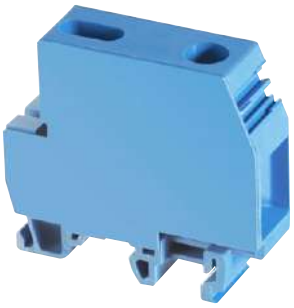
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only

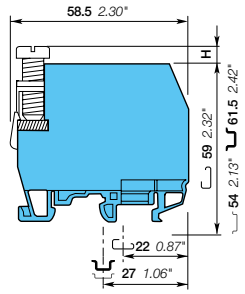
1SNC161090S0201 - Rev. A

M35/16.NT screw clamp terminal blocks
Neutral disconnect - 17 mm *0.669 in* spacing





M35/16.NT



17 mm *0.669 in* spacing

Description
- Ease the disconnection of your neutral circuits,
- Close terminal block, no end section needed,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm *0.200 in* spacing) to 16 mm² (12 mm *0.473 in* spacing).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	For busbar 10 x 3 mm	Blue	M35/16.NT	1SNA125358R0300		20	60.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	10-50 mm²		
	Flexible	10-35 mm²		
	with insulated ferrule			
	Gauge	B9		
Rated current / Rated cross section		125 A / 35 mm²		
Rated short-time withstand current (1s)		4200 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection			*NEMA*	

Mounting instructions

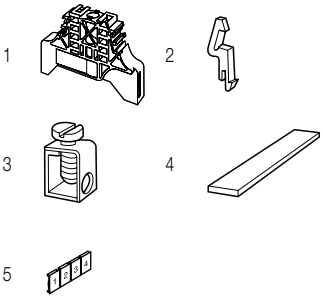
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		17 mm *0.67 in*
Screw clamp Tool		Flat screwdriver Ø 6.5-7 mm *Ø 0.256 - 0.276 in*
Torque		2.8 - 3 Nm *24.6 - 26.1 lb.in*
Disconnect device Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R

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Accessories



	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm *0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Locking devices**	For busbar BO3	Blue	VRB3	1SNA128035R1600		10	
3	**Clamps**	0.5-35 mm² *18-2 AWG*		SFB1	1SNA163860R0500		50	12.00
		16-35 mm² *6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
4	**Busbars**			BO3	1SNA164406R2400		1	
5	**Terminal block markers**	Blank card	White	RC1010	1SNA238000R1600		1	1.30

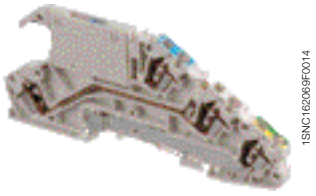
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

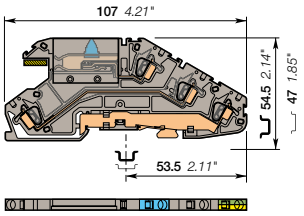
D2.5/5.NTLP.L spring terminal blocks
Installation - 5 mm *0.197 in* spacing



2.5 mm²
12 AWG



D2.5/5.NTLP.L



5 mm *0.197 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

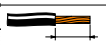
Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Disconnect neutral with busbar connection + feed-through + ground circuits	Grey, blue, green-yellow	D2.5/5.NTLP.L	1SNA290322R0100		40	15.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm²	*26-12 AWG*	
	Flexible	0.14-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-2.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		20 A / 2.5 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		250 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

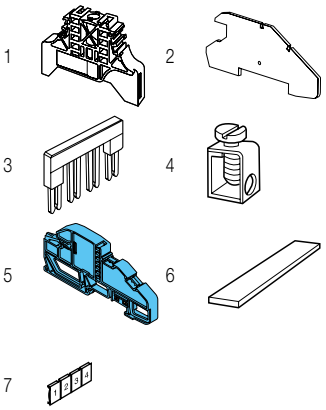
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FED5.L.A	1SNA291559R0400		20	5.50
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Clamps**	0.5-35 mm²	*18-2 AWG*		SFB1	1SNA163860R0500		50	12.00
		16-35 mm²	*6-2 AWG*		SFB2	1SNA168956R0600		50	11.00
5	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
6	**Busbars**	1000 x 10 x 3 mm	*39.4 x 0.394 x 0.118 in*		BO3	1SNA164406R2400		1	
7	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Installation spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through circuits	Grey	D2.5/5.LL.L	1SNA290328R1700		40	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

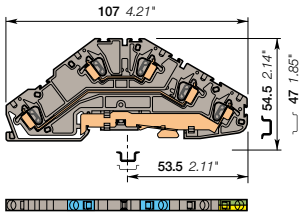
1SNC162038S0201 - Rev. A

D2.5/5.NLP.L spring terminal blocks
Installation - 5 mm *0.197 in* spacing





D2.5/5.NLP.L



5 mm *0.197 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Neutral + feed-through + ground circuits	Grey, blue, Green-yellow	D2.5/5.NLP.L	1SNA290324R0300		40	17.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm²	*26-12 AWG*	
	Flexible	0.14-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-2.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		250 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

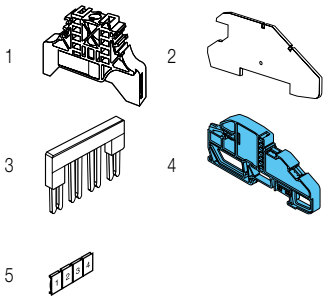
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FED5.L.B	1SNA291560R0100		20	5.50
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
5	**Terminal block markers** Blank card			White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Installation spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through circuits	Grey	D2.5/5.LL.L	1SNA290328R1700		40	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162039S0201 - Rev. A

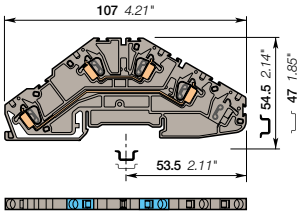
D2.5/5.NL.L spring terminal blocks
Installation - 5 mm *0.197 in* spacing



2.5 mm²
12 AWG



D2.5/5.NL.L



5 mm *0.197 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Neutral + feed-through circuits	Grey, blue	D2.5/5.NL.L	1SNA290330R1500		40	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm²	*26-12 AWG*	
	Flexible	0.14-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-2.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		400 V	*300 V*	
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

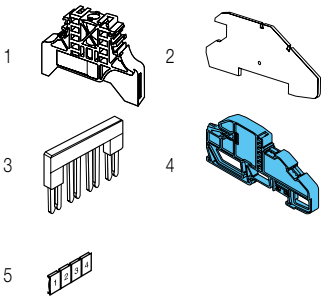
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FED5.L.B	1SNA291560R0100		20	5.50
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
5	**Terminal block markers**	Blank card		White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





Installation spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through + ground circuits	Grey, green-yellow	D2.5/5.LLP.L	1SNA290326R0500		40	17.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

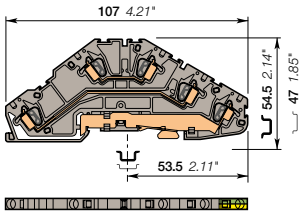
1SNC162041S0201 - Rev. A

D2.5/5.LLP.L spring terminal blocks
Installation - 5 mm *0.197 in* spacing





D2.5/5.LLP.L



5 mm *0.197 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through + ground circuits	Grey, Green-yellow	D2.5/5.LLP.L	1SNA290326R0500		40	17.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm²	*26-12 AWG*	
	Flexible	0.14-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-2.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		250 V	*300 V*	
Impulse withstand voltage		4000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

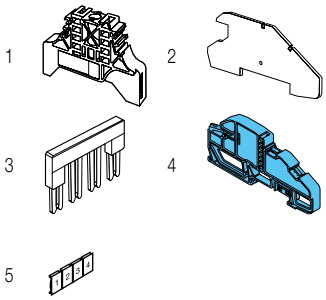
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FED5.L.B	1SNA291560R0100		20	5.50
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
5	**Terminal block markers** Blank card			White	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Installation spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	Neutral + feed-through circuits	Grey, blue	D2.5/5.NL.L	1SNA290330R1500		40	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

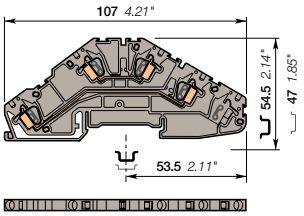
1SNC162040S0201 - Rev. A

D2.5/5.LL.L spring terminal blocks
Installation - 5 mm *0.197 in* spacing





D2.5/5.LL.L



5 mm *0.197 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Installation	2 feed-through circuits	Grey ☐	D2.5/5.LL.L	1SNA290328R1700		40	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm²	*26-12 AWG*	
	Flexible	0.14-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-2.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*	
Rated short-time withstand current (1s)		300 A		
Rated voltage		400 V	*300 V*	
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

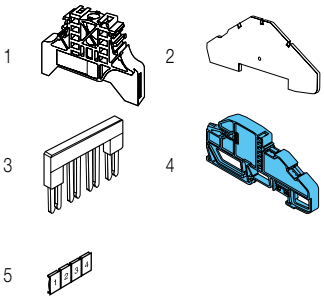
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

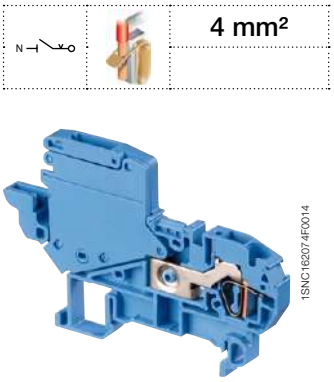
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey ☐	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FED5.L.B	1SNA291560R0100		20	4.75
3	**Jumper bars**	2 poles	24 A	Orange ☐	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Distribution bar holders**			Blue ☐	SPBO.NT.L	1SNA399886R2100		20	12.00
5	**Terminal block markers** Blank card			White ☐	RC55	1SNA230000R1200		1	2.90

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

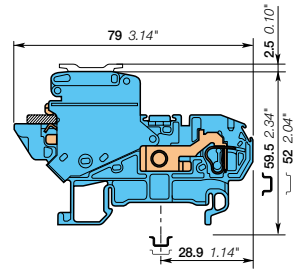
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162042S0201 - Rev. A

D4/6.NT.L spring terminal blocks
Neutral disconnect - 6 mm *0.236 in* spacing



D4/6.NT.L



6 mm *0.236 in* spacing

4 mm²

Description
- Specially developped for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	With busbar connection Busbar : 10 x 3 mm *0.394 x 0.118 in*	Blue	D4/6.NT.L	1SNA399586R2400		50	18.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²		
	Flexible	0.22-4 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-2.5 mm²		
	Gauge	A4		
Rated current / Rated cross section		32 A / 4.0 mm²		
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

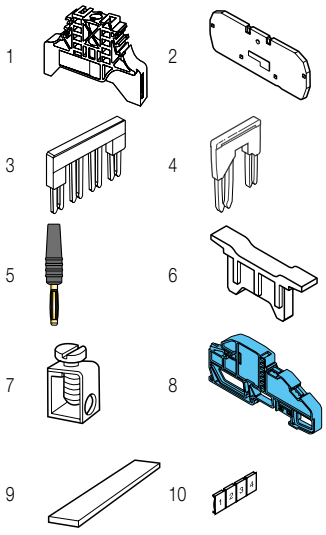
Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.43 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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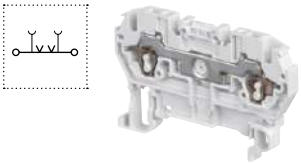
10

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm			BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Blue	FED6.NL	1SNA399588R0600		20	1.60
3	**Jumper bars**	2 poles	32 A	Orange	BJDL6-2	1SNA291128R2400		50	0.30
		3 poles			BJDL6-3	1SNA291129R2500		50	0.40
		4 poles			BJDL6-4	1SNA291194R1700		50	0.50
		5 poles			BJDL6-5	1SNA291195R1000		20	0.60
4	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in*		Orange	BJDPL5.6-2	1SNA291150R0600		20	0.20
		6 mm *0.236 in* - 8 mm *0.315 in*			BJDPL6.8-2	1SNA291170R0200		20	0.20
		6 mm *0.236 in* - 10 mm *0.400 in*			BJDPL6.10-2	1SNA291482R1000		20	1.00
		6 mm *0.236 in* - 12 mm *0.473 in*			BJDPL6.12-2	1SNA399613R0600		20	3.10
5	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2.MC	1SNA107239R0300		20	1.00
6	**Locking devices**			Orange	VRPA1	1SNA399587R2500		20	3.00
7	**Clamps**	0.5-35 mm² *18-2 AWG*			SFB1	1SNA163860R0500		50	12.00
		16-35 mm² *6-2 AWG*			SFB2	1SNA168956R0600		50	11.00
8	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
9	**Busbars**	1000 x 10 x 3 mm *39.4 x 0.394 x 0.118 in*			BO3	1SNA164406R2400		1	
10	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through spring terminal blocks

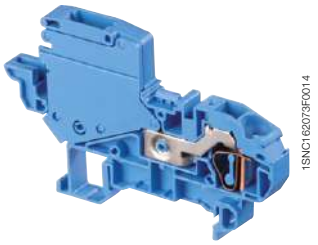
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	D4/6.2L	1SNA290061R0700		50	8.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

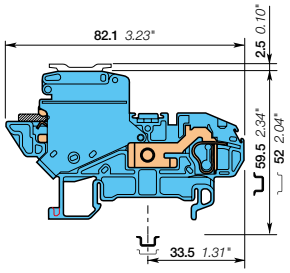
1SNC162052S0201 - Rev. A

D6/8.NT.L spring terminal blocks
Neutral disconnect - 8 mm *0.315 in* spacing





D6/8.NT.L



8 mm *0.315 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	With busbar connection Busbar : 10 x 3 mm *0.394 x 0.118 in*	Blue	D6/8.NT.L	1SNA399589R0700		50	25.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²		
	Flexible	0.5-6 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-4 mm²		
	Gauge	A5		
Rated current / Rated cross section		41 A / 6.0 mm²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

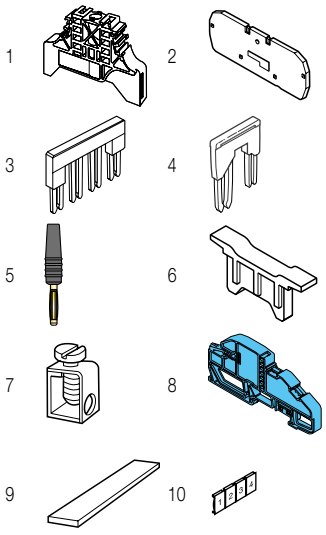
Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.53 in*
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Blue	FED8.NL	1SNA399590R0400		20	1.60
3	**Jumper bars**	2 poles	41 A	Orange	BJDL8-2	1SNA291122R1600		50	0.20
		3 poles			BJDL8-3	1SNA291123R1700		50	0.40
		4 poles			BJDL8-4	1SNA291144R2400		50	0.50
		5 poles			BJDL8-5	1SNA291145R2500		20	3.90
4	**Cross spacing jumpers**	6 mm *0.236 in* - 8 mm *0.315 in*		Orange	BJDPL6.8-2	1SNA291170R0200		20	0.20
		8 mm *0.315 in* - 10 mm *0.400 in*			BJDPL8.10-2	1SNA291484R1200		20	1.50
5	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2.MC	1SNA107239R0300		20	1.00
6	**Locking devices**			Orange	VRPA1	1SNA399587R2500		20	3.00
7	**Clamps**	0.5-35 mm² *18-2 AWG*			SFB1	1SNA163860R0500		50	12.00
		16-35 mm² *6-2 AWG*			SFB2	1SNA168956R0600		50	11.00
8	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
9	**Busbars**	1000 x 10 x 3 mm *39.4 x 0.394 x 0.118 in*			BO3	1SNA164406R2400		1	
10	**Terminal block markers**	Blank card		White	RC810	1SNA234000R0200		1	8.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





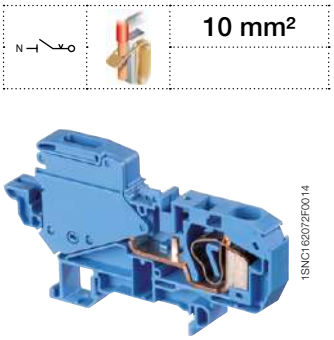
Feed-through spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	D6/8.2L	1SNA290081R2400		50	12.00

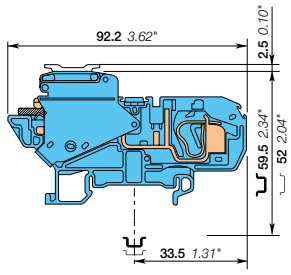
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162053S0201 - Rev. A

D10/10.NT.L spring terminal blocks
Neutral disconnect - 10 mm *0.394 in* spacing



D10/10.NT.L



10 mm *0.394 in* spacing

Description
- Specially developped for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Neutral disconnect	With busbar connection Busbar : 10 x 3 mm *0.394 x 0.118 in*	Blue	D10/10.NT.L	1SNA399591R2100		25	37.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²		
	Flexible	0.5-10 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-10 mm²		
	Gauge	A6		
Rated current / Rated cross section		57 A / 10.0 mm²		
Rated short-time withstand current (1s)		1200 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

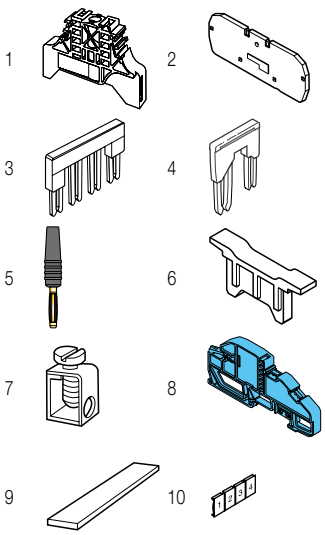
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm *0.49 in*
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Blue	FED10.NL	1SNA399592R2200		20	4.50
3	**Jumper bars**	2 poles	57 A	Orange	BJDL1.10.2	1SNA291472R2500		50	2.45
		3 poles			BJDL1.10.3	1SNA291474R2700		50	3.65
		4 poles			BJDL1.10.4	1SNA291476R2100		50	4.86
		5 poles			BJDL1.10-5	1SNA291478R0300		50	6.05
4	**Cross spacing jumpers**	5 mm *0.200 in* - 10 mm *0.400 in*		Orange	BJDPL5.10-2	1SNA291480R2200		20	0.50
		6 mm *0.236 in* - 10 mm *0.400 in*			BJDPL6.10-2	1SNA291482R1000		20	1.00
		8 mm *0.315 in* - 10 mm *0.400 in*			BJDPL8.10-2	1SNA291484R1200		20	1.50
5	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2.MC	1SNA107239R0300		20	1.00
6	**Locking devices**			Orange	VRPA1	1SNA399587R2500		20	3.00
7	**Clamps**	0.5-35 mm² *18-2 AWG*			SFB1	1SNA163860R0500		50	12.00
		16-35 mm² *6-2 AWG*			SFB2	1SNA168956R0600		50	11.00
8	**Distribution bar holders**			Blue	SPBO.NT.L	1SNA399886R2100		20	12.00
9	**Busbars**	1000 x 10 x 3 mm *39.4 x 0.394 x 0.118 in*			BO3	1SNA164406R2400		1	
10	**Terminal block markers**	Blank card		White	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC160104S0201

Solution series, terminal blocks
Protection





Overview 232

Screw clamp technology

Ground + neutral

10 mm²	**M10/10.PE.N**	233
16 mm²	**M16/12.PE.N**	234
35 mm²	**M35/16.PE.N**	235

Spring clamp technology

Ground + neutral

16 mm²	**D16/12.PEN.2L**	236
35 mm²	**D35/16.PEN.2L**	237

1SNC160104S0201

Solution series, terminal blocks
Protection

Screw clamp technology





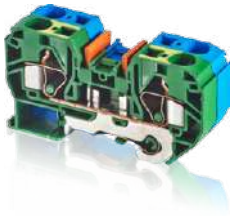
PEN | **Feed-through**

Section			
IEC	*UL/CSA*		
10 mm²		**M10/10.PE.N** 20 mm *0.787 in*	**M10/10** 10 mm *0.394 in*
16 mm²		**M16/12.PE.N** 24 mm *0.945 in*	**M16/12** 12 mm *0.472 in*
35 mm²		**M35/16.PE.N** 32 mm *1.260 in*	**M35/16** 16 mm *0.630 in*

Main catalog
SNA series, terminal blocks



Spring clamp technology





PEN | **Feed-through**

Section			
IEC	*UL/CSA*		
16 mm²		**D16/12.PEN.2L** 24 mm *0.945 in*	**D16/12.2L** 12 mm *0.472 in*
35 mm²		**D35/16.PEN.2L** 32 mm *1.260 in*	**D35/16.2L** 16 mm *0.630 in*

Main catalog
SNA series, terminal blocks

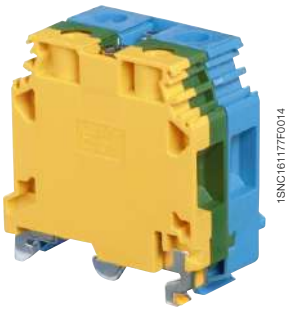


All the technical data for UL/CSA standard and dimensions in inches are in italic.

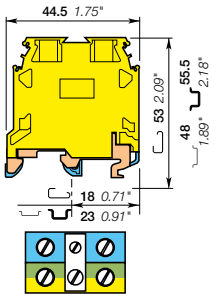
1SNC160097S0201

M10/10.PE.N screw clamp terminal blocks
Ground + neutral - 20 mm *0.787 in* spacing





M10/10.PE.N



20 mm *0.787 in* spacing

Description
- Simplify your PE.N connection with M10/10.P block connected to M10/10.N block through a pre-mounted jumper,
- Adapted to TNS and TNC-S electrical network.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground + neutral	Screw rail connection	Green-yellow, blue	M10/10.PE.N	1SNA165683R2200		20	53.00

Main technical data

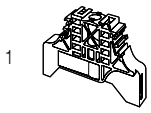
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²		
	Flexible	0.5-10 mm²		
	with insulated ferrule			
	Gauge	B6		
Rated cross section		10 mm²		
Rated short-time withstand current (1s)		1200 A		

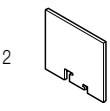
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.47 in*
Screw clamp Tool		Flat screwdriver Ø 5.5 mm *Ø 0.22 in*
Torque		1.2 - 1.4 N.m *10.6 - 12.3 lb.in*
Rail connection screw Tool		Flat screwdriver Ø 4 mm *Ø 0.16 in*
Torque		0.8 N.m *7.1 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories

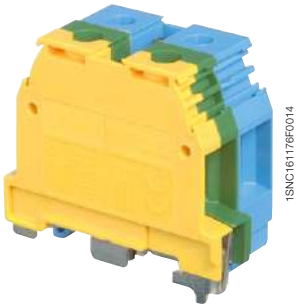
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Circuit separators**	2.4 mm	*0.094 in*	Grey	SCFEX1	1SNA103619R0400		10	30.00
					SCFEX3	1SNA103620R0100		10	30.00
		3 mm	*0.118 in*		SCFM6	1SNA114825R0500		20	4.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

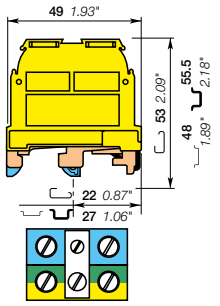
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M16/12.PE.N screw clamp terminal blocks
Ground + neutral - 24 mm *0.945 in* spacing





M16/12.PE.N



24 mm *0.945 in* spacing

Description
- Simplify your PE.N connection with M16/12.P block connected to M16/12.N block through a pre-mounted jumper,
- Adapted to TNS and TNC-S electrical network.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground + neutral	Screw rail connection	Green-yellow, blue	M16/12.PE.N	1SNA165680R0300		20	68.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	2.5-25 mm²		
	Flexible	2.5-16 mm²		
	with insulated ferrule			
	Gauge	B7		
Rated cross section		16 mm²		
Rated short-time withstand current (1s)		1920 A		

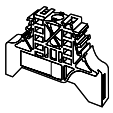
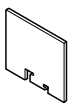
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		14 mm *0.55 in*
Screw clamp Tool		Flat screwdriver Ø 5.5 mm *Ø 0.22 in*
Torque		1.2 - 1.4 N.m *10.6 - 12.3 lb.in*
Rail connection screw Tool		Flat screwdriver Ø 5.5 mm *Ø 0.22 in*
Torque		1 N.m *8.8 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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1  2 

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**Circuit separators**	2.4 mm	*0.094 in*	Grey	SCFEX1	1SNA103619R0400		10	30.00
					SCFEX3	1SNA103620R0100		10	30.00
		3 mm	*0.118 in*		SCFM6	1SNA114825R0500		20	4.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

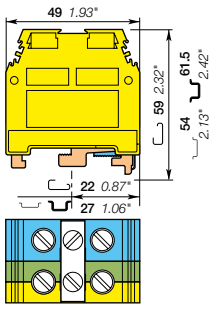
1SNC161015S0201 - Rev. A

M35/16.PE.N screw clamp terminal blocks
Ground + neutral - 32 mm *1.260 in* spacing





M35/16.PE.N



32 mm *1.260 in* spacing

Description
- Simplify your PE.N connection with M35/16.P block connected to M35/16.N block through a pre-mounted jumper,
- Adapted to TNS and TNC-S electrical network.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground + neutral	Screw rail connection	Green-yellow, blue	M35/16.PE.N	1SNA165575R2500		10	119.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	4-50 mm²		
	Flexible	4-35 mm²		
	with insulated ferrule			
	Gauge	B9		
Rated cross section		35 mm²		
Rated short-time withstand current (1s)		4200 A		

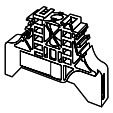
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		17 mm *0.67 in*
Screw clamp Tool		Flat screwdriver Ø 7 mm *Ø 0.32 in*
Torque		2.8 - 3 N.m *24.6 - 26.1 lb.in*
Rail connection screw Tool		Flat screwdriver Ø 5.5 mm *Ø 0.22 in*
Torque		1 N.m *8.8 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70

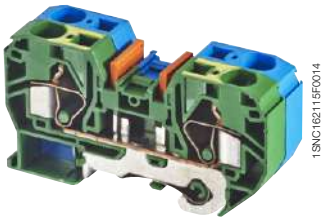
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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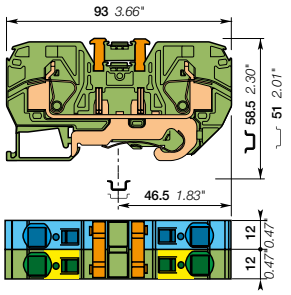
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D16/12.PEN.2L spring terminal blocks
Ground + neutral - 24 mm *0.945 in* spacing





D16/12.PEN.2L



24 mm *0.945 in* spacing

Description

Simplify your PEN connection with D16/12.P block connected to D16/12.N block with a removable jumper,
- Specially developped for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground + Neutral	Screwless rail connection	Green-yellow, blue	D16/12.PEN.2L	1SNA399631R0000		5	98.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-25 mm²		
	Flexible	0.5-16 mm²		
	with non insulated ferrule			
	with insulated ferrule			
	Gauge	A7		
Rated current / Rated cross section		76 A / 16 mm²		
Rated short-time withstand current (1s)		1920 A		
Rated voltage		1000 V		
Impulse withstand voltage		8000 V		

Mounting instructions

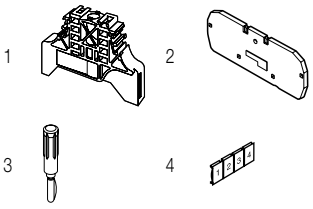
Rail		TH 35-7.5, TH 35-15
Wire stripping length		19 mm *0.75 in*
Tool		Flat screwdriver Ø 6.5 mm *Ø 0.256 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey ☐	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FED12.2L	1SNA399571R0400		10	5.00
3	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2	1SNA007865R2600		100	
4	**Terminal block markers**	Blank card		White ☐	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

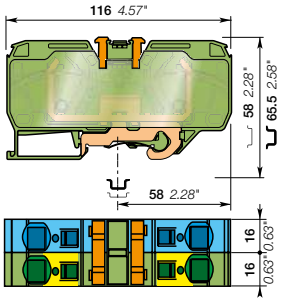
1SNC162100S0201 - Rev. A

D35/16.PEN.2L spring terminal blocks
Ground + neutral - 32 mm *1.260 in* spacing





D35/16.PEN.2L



32 mm *1.260 in* spacing

Description

Simplify your PEN connection with D35/16.P block connected to D35/16.N block with a removable jumper,
- Specially developped for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground + neutral	Screwless rail connection	Green-yellow, blue	D35/16.PEN.2L	1SNA399668R2500		5	236.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	2.5-50 mm²		
	Flexible	2.5-35 mm²		
	with non insulated ferrule			
	with insulated ferrule			
	Gauge	A9		
Rated current / Rated cross section		125 A / 35 mm²		
Rated short-time withstand current (1s)		4200 A		
Rated voltage		1000 V		
Impulse withstand voltage		8000 V		

Mounting instructions

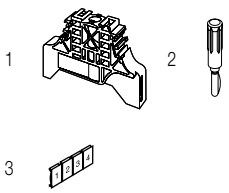
Rail		TH 35-7.5, TH 35-15
Wire stripping length		26 mm *1.02 in*
Tool		Flat screwdriver Ø 6.5 mm *Ø 0.256 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	9 mm	*0.354 in*	Grey	BADL	1SNA399903R0200		50	4.70
		10 mm	*0.394 in*		BAM2	1SNA206351R1600		50	12.00
2	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2	1SNA007865R2600		100	
3	**Terminal block markers**	Blank card		White	RC1010	1SNA238000R1600		1	1.30

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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1SNC161171S0201

Solution series, terminal blocks
Disconnect



Overview 240

Screw clamp technology

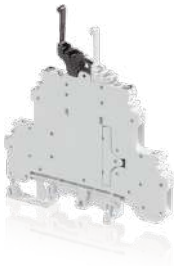
Disconnect with pull lever

4 mm² / *10 AWG*	**M4/6.D2.2S2**	2 disconnect circuits	241
	M4/6.D2.2S2.T	2 disconnect circuits and test	242
	M4/6.D2.S1R	Change over type	243
	M4/6.D2.S1R.T	Change over type and test	244

1SNC161171S0201

Solution series, terminal blocks
Disconnect

Screw clamp technology



Disconnect with pull lever

Section					
IEC	*UL/CSA*				
4 mm²	***10 AWG***	**M4/6.D2.2S2** 6 mm *0.236 in*	**M4/6.D2.2S2.T** 6 mm *0.236 in*	**M4/6.D2.S1R** 6 mm *0.236 in*	**M4/6.D2.S1R.T** 6 mm *0.236 in*

12

All the technical data for UL/CSA standard and dimensions in inches are in italic.

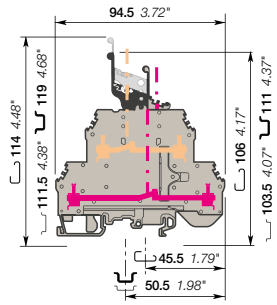
1SNC161170S0201

M4/6.D2.2S2 screw clamp terminal blocks
Disconnect with pull lever - with 2 independent circuits - 6 mm *0.236 in* spacing





M4/6.D2.2S2



6 mm *0.236 in* spacing

Description
- Save space with double deck terminal blocks: 2 idependent disconnect circuits in just 6 mm *0.236 in* spacing,
- Black pull lever controls upper deck contact and grey pull lever controls lower deck contact,
- Closed terminal block: no end section needed.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 independent circuits	Grey, black	M4/6.D2.2S2	1SNA199444R2500		25	30.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		*24-10 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 4 mm²		*10 A / 10 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

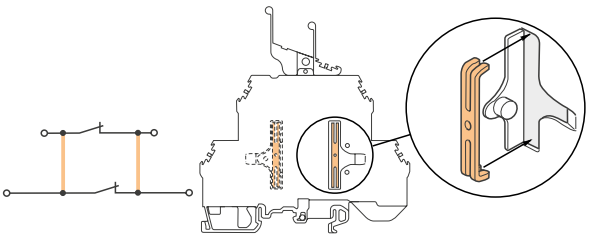
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

Notes



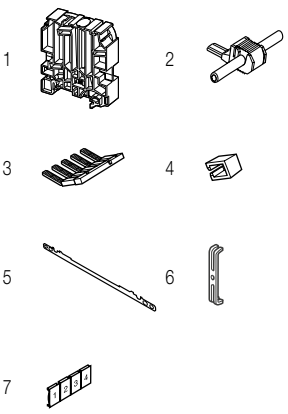
Mounting of the vertical jumper bar between decks (ITVE2)

Interconnection between decks is possible on each side of the switch, using accessory ITVE2.

Trap door opens with a screwdriver.

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Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000		50	1.60
3	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	3.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Shield connectors**				CBD2S	1SNA178408R1400		50	
6	**Inner deck jumper bars**				ITVE2	1SNA179825R2600		20	1.30
7	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

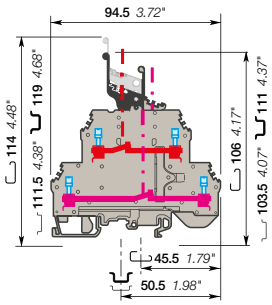
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.D2.2S2 screw clamp terminal blocks
Disconnect with pull lever with 2 independent circuits and 4 test sockets - 6 mm *0.236 in* spacing





M4/6.D2.2S2



6 mm *0.236 in* spacing

Description
- Save space with double deck terminal blocks: 2 idependent disconnect circuits in just 6 mm *0.236 in* spacing,
- Black pull lever controls upper deck contact and grey pull lever controls lower deck contact,
- Ease your test operations with the 2 built-in test sockets,
- Closed terminal block: no end section needed.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 independent circuits and 4 test sockets DIA 2 mm *0.079 in*	Grey, black	M4/6.D2.2S2.T	1SNA199448R0100		25	30.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid Solid / Stranded	0.2-4 mm²		*24-10 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 4 mm²		*10 A / 10 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

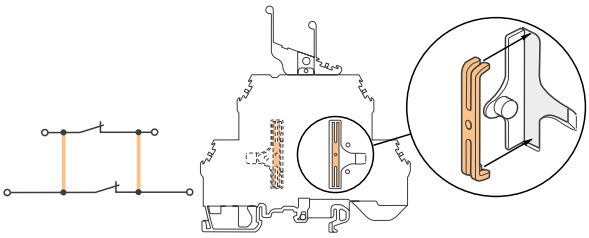
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Notes

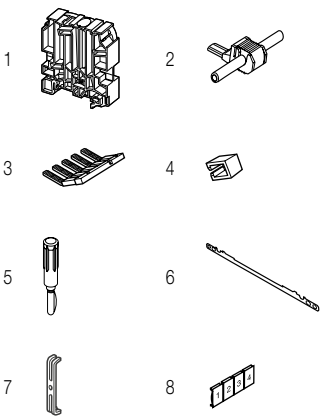


Mounting of the vertical jumper bar between decks (ITVE2)

Interconnection between decks is possible on each side of the switch, using accessory ITVE2.

Trap door opens with a screwdriver.

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000		50	1.60
3	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	3.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600		100	
6	**Shield connectors**				CBD2S	1SNA178408R1400		50	
7	**Inner deck jumper bars**				ITVE2	1SNA179825R2600		20	1.30
8	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

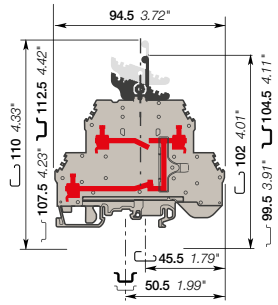
1SNC161160S0201 Rev. A

M4/6.D2.S1R screw clamp terminal blocks
Disconnect with pull lever - change over type
6 mm *0.236 in* spacing





M4/6.D2.S1R



6 mm *0.236 in* spacing

Description

– Direct a signal either to the upper deck (contact control pull lever in high position), or to the lower deck (pull lever in low position) with just one operation,
– Closed terminal block: no end section needed.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Change over type	Grey, black	M4/6.D2.S1R	1SNA199452R2500		25	30.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		*24-10 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 4 mm²		*10 A / 10 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

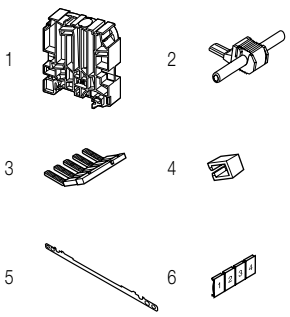
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All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

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Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 Nm *4.4 - 7.1 lb.in*

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000		50	1.60
3	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	3.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Shield connectors**				CBD2S	1SNA178408R1400		50	
6	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

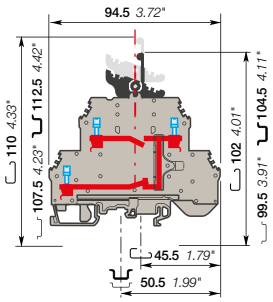
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.D2.S1R screw clamp terminal blocks
Disconnect with pull lever - change over type with 3 test sockets
6 mm *0.236 in* spacing





M4/6.D2.S1R



6 mm *0.236 in* spacing

Description

- Direct a signal either to the upper deck (contact control pull lever in high position), or to the lower deck (pull lever in low position) with just one operation,
- Ease your test operations with the built-in test sockets,
- Closed terminal block: no end section needed.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Change over type with 3 test sockets DIA 2 mm *0.079 in*	Grey, black	M4/6.D2.S1R.T	1SNA199456R2100		25	30.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²		*24-10 AWG*
	Flexible	0.2-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 4 mm²		*10 A / 10 AWG*
Rated short-time withstand current (1s)		120 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.374 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

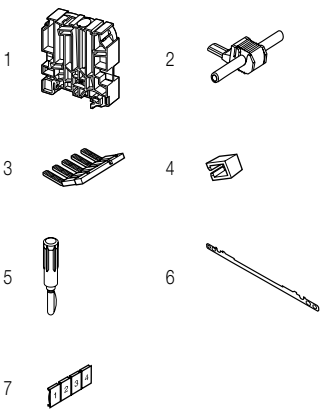
CE RoHS cCSAus Gost R

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Accessories

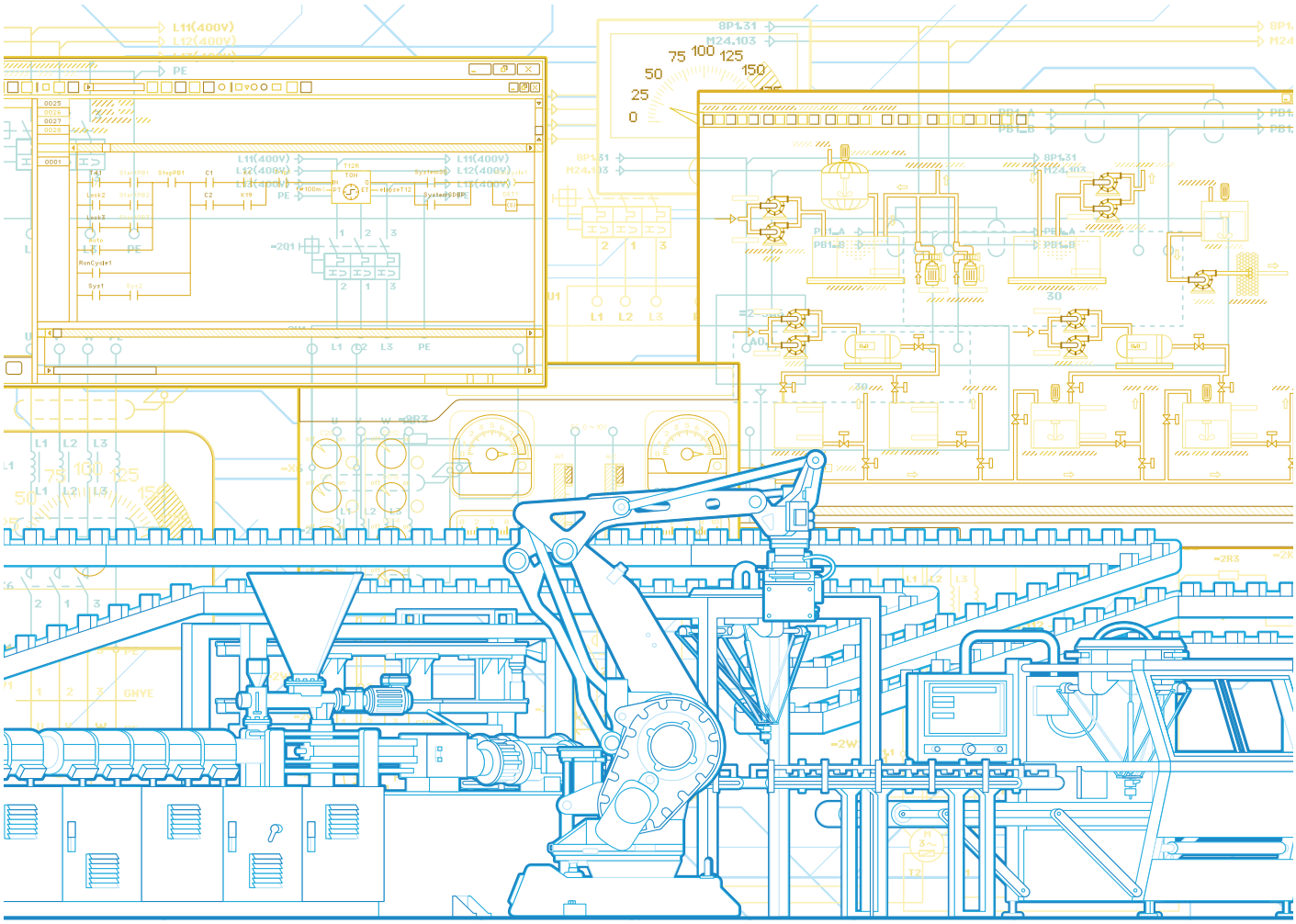
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**Jumper bars**	1 poles	24 A	Grey	AD2.5	1SNA114205R2000		50	1.60
3	**Lateral jumper bars**	2 poles	35 A	Grey	PC6-2	1SNA113546R1400		10	2.00
		3 poles			PC6-3	1SNA116536R0500		10	2.00
		4 poles			PC6-4	1SNA116537R0600		10	3.00
		10 poles			PC6-10	1SNA113548R2600		10	8.00
4	**Insulating tips**	For lateral jumper bars type PC...			EIP	1SNA113550R2400		10	
5	**Test plugs**	DIA 2 mm *0.079 in*		Black	FC2	1SNA007865R2600		100	
6	**Shield connectors**				CBD2S	1SNA178408R1400		50	
7	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161162S0201 - Rev. A



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1SNC160105S0201

Solution series, terminal blocks
Component holder



Overview 248

Screw clamp technology

Component holder

4 mm² / *12 AWG*	**M4/6.DE1.D**	With 2 diodes	249
	M4/6.DE1.D1	With 2 diodes	250
	M4/6.DE2.D	With 2 diodes	251
	M4/6.DD	With 1 diode	252
	M4/6.DD1	With 1 diode	253
	M4/6.DE	Open circuit	254
	M4/6.DE1	Open circuit	255
	M4/6.DE2	Open circuit	256

Spring clamp technology

Component holder

2.5 mm² / *12 AWG*	**D2.5/5.DD.L**	With diode	257
	D2.5/5.DL.L	With red led	258
	D2.5/5.DE2.L	Open circuit	259

ADO - ADO technology

Component holder

1.5 mm²	**D1.5/6.ADO.D1**	With diode	260

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1SNC160105S0201

Solution series, terminal blocks
Component holder

Screw clamp technology






Component holder

Section									
IEC	*UL/CSA*								
4 mm²	***12 AWG***	**M4/6.DE1.D** 6 mm *0.236 in*	**M4/6.DE1.D1** 6 mm *0.236 in*	**M4/6.DE2.D** 6 mm *0.236 in*	**M4/6.DD** 6 mm *0.236 in*	**M4/6.DD1** 6 mm *0.236 in*	**M4/6.DE** 6 mm *0.236 in*	**M4/6.DE1** 6 mm *0.236 in*	**M4/6.DE2** 6 mm *0.236 in*

Spring clamp technology





Component holder

Section				
IEC	*UL/CSA*			
2.5 mm²	***12 AWG***	**D2.5/5.DD.L** 5 mm *0.197 in*	**D2.5/5.DL.L** 5 mm *0.197 in*	**D2.5/5.DE2.L** 5 mm *0.197 in*

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ADO-ADO technology



Component holder

Section		
IEC	*UL/CSA*	
1.5 mm²		**D1.5/6.ADO.D1** 6 mm *0.236 in*

All the technical data for UL/CSA standard and dimensions in inches are in italic.

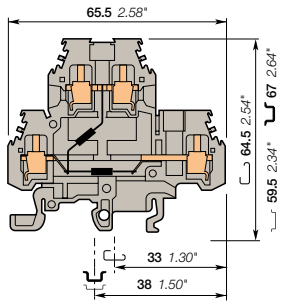
1SNC160062S0201

M4/6.DE screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing





M4/6.DE



6 mm *0.236 in* spacing

Description
Ease the test operation with two 1N4007 diodes.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	With two 1N4007 diodes, common on cathode (1000V peak-250V Service-1A)	Grey ☐	M4/6.DE1.D	1SNA115371R2600		50	16.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²		
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		20 A / 4 mm²		
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V		
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

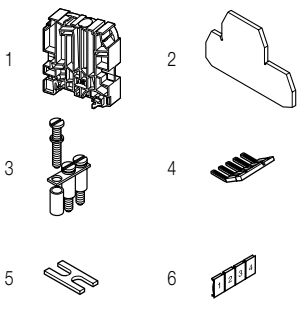
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS Gost R

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300		20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000		10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100		10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600		10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300		10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400		10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

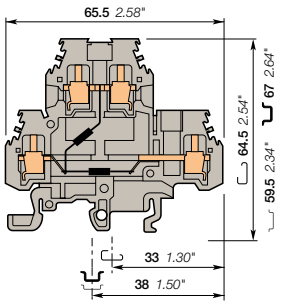
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.DE screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing





M4/6.DE



6 mm *0.236 in* spacing

Description
Ease the test operation with two 1N4007 diodes.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	With two 1N4007 diodes, common on anode (1000V peak-250V Service-1A)	Grey ☐	M4/6.DE1.D1	1SNA115591R0400		50	16.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²		
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		20 A / 4 mm²		
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V		
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

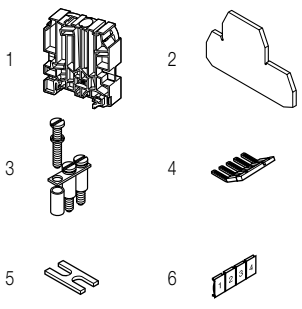
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

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CE RoHS Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300		20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000		10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100		10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600		10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300		10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400		10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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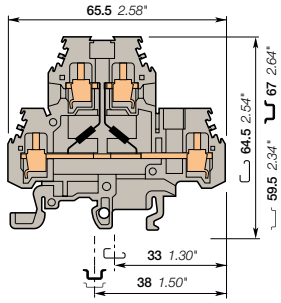
1SNC161150S0201 - Rev. A

M4/6.DE screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing





M4/6.DE



6 mm *0.236 in* spacing

Description
Ease the test operation with two 1N4007 diodes.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	With two 1N4007 diodes, common on cathode (1000V peak-250V Service-1A)	Grey ☐	M4/6.DE2.D	1SNA115327R1200		50	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²		
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		20 A / 4 mm²		
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V		
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

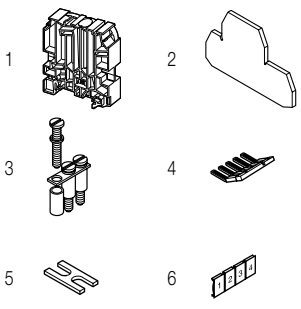
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300		20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000		10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100		10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600		10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300		10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400		10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

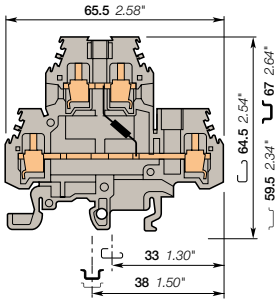
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.DD screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing

4 mm²
12 AWG



M4/6.DD



6 mm *0.236 in* spacing

Description
Protect or test your circuit with one 1N4007 diodes.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	Cathode of the blocking diode connected to the lower circuit	Grey ☐	M4/6.DD	1SNA115168R2300		50	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-12 AWG*	*18-12 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		20 A / 4 mm²	*25 A / 12 AWG*	*25 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*600 V*	*150 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

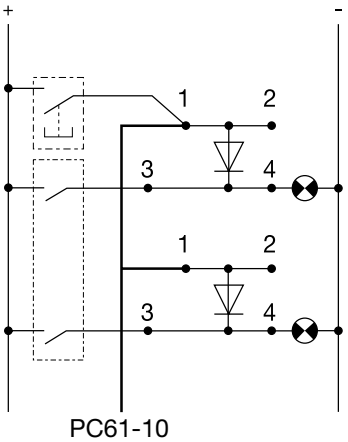
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

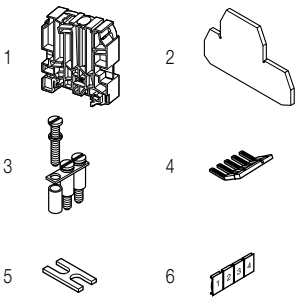
CE RoHS USR CSA Gost R

Typical lamp test application



PC61-10

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300		20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000		10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100		10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600		10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300		10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400		10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

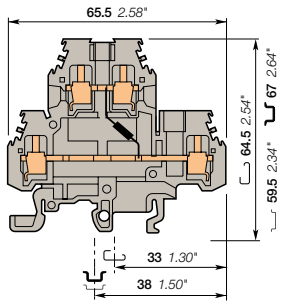
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.DD screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing



M4/6.DD



6 mm *0.236 in* spacing

4 mm²
12 AWG

Description

Protect or test your circuit with one 1N4007 diodes.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	Cathode of the blocking diode connected to the upper circuit	Grey ☐	M4/6.DD1	1SNA115184R0400		50	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*22-12 AWG*	*18-12 AWG*
	Flexible	0.22-4 mm²		
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		20 A / 4 mm²	*25 A / 12 AWG*	*25 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*600 V*	*150 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

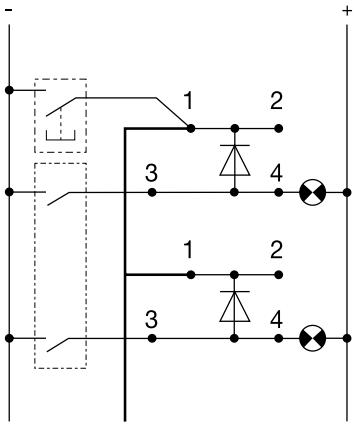
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

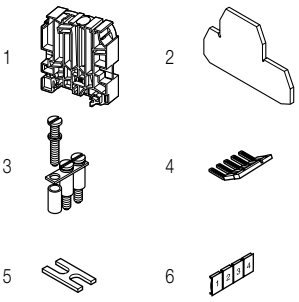
CE RoHS USR CSA Gost R

Typical lamp test application



PC61-10

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300		20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000		10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100		10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600		10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300		10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400		10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161135S0201 - Rev. A

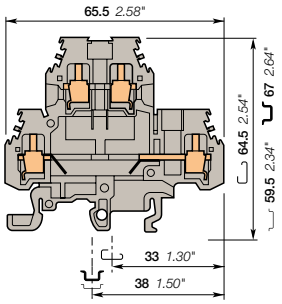
M4/6.DE screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing



4 mm²
12 AWG



M4/6.DE



6 mm *0.236 in* spacing

Description

Customize yourself the double deck terminal blocks by soldering electronic components (thickness 5 mm *0.200 in* max).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Upper and lower circuit opened	Grey ☐	M4/6.DE	1SNA115185R0500	50	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*22-12 AWG*	*22-12 AWG*
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		26 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*600 V*	*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

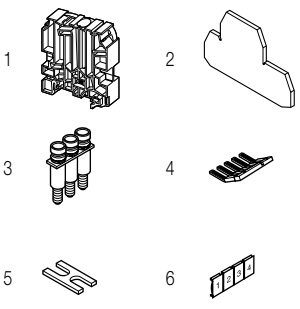
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CSA Gost R

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700	50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300	20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000	10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100	10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600	10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300	10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400	10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200	10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100	10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

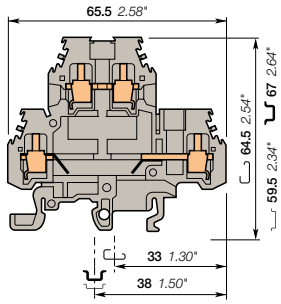
1SNC161136S0201 - Rev. A

M4/6.DE screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing





M4/6.DE



6 mm *0.236 in* spacing

Description

Customize yourself the double deck terminal blocks by soldering electronic components (thickness 5 mm *0.200 in* max).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Lower circuit opened	Grey ☐	M4/6.DE1	1SNA115177R1400	50	20.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*22-12 AWG*	*22-12 AWG*
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		26 A / 4 mm²	*20 A / 12 AWG*	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	*600 V*	*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

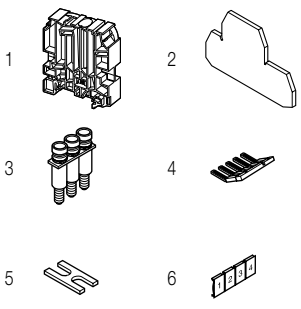
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

CE RoHS USR CSA Gost R

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700	50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300	20	2.70
3	**Jumper bars**	6 mm	32 A		BJMI6D-2	1SNA179668R2000	10	4.00
					BJMI6D-3	1SNA179669R2100	10	6.00
					BJMI6D-4	1SNA179670R2600	10	8.00
					BJMI6D-5	1SNA179671R1300	10	10.00
					BJMI6D-10	1SNA179672R1400	10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200	10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100	10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

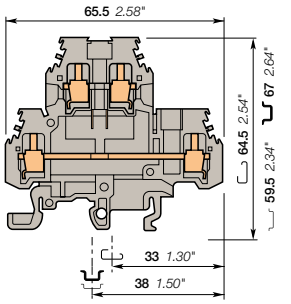
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

M4/6.DE screw clamp terminal blocks
Component holder - 6 mm *0.236 in* spacing





M4/6.DE



6 mm *0.236 in* spacing

Description

Customize yourself the double deck terminal blocks by soldering electronic components (thickness 5 mm *0.200 in* max).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder Upper circuit opened		Grey ☐	M4/6.DE2	1SNA115326R1100		50	20.00

Main technical data

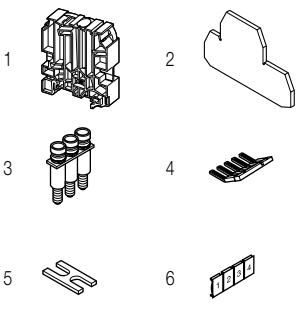
		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²		*22-12 AWG*
	Flexible	0.5-4 mm²		
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		26 A / 4 mm²		*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm *0.33 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.6 Nm *4.4 - 5.3 lb.in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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CE RoHS CSA Gost R



Accessories

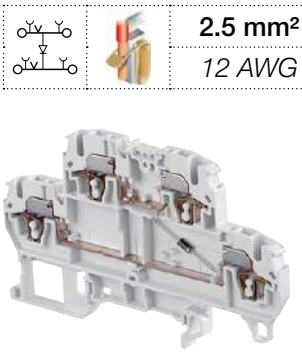
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	1 mm	*0.039 in*	Grey ☐	FEM6D	1SNA118499R2300		20	2.70
3	**Jumper bars**	2 poles	32 A		BJMI6D-2	1SNA179668R2000		10	4.00
		3 poles			BJMI6D-3	1SNA179669R2100		10	6.00
		4 poles			BJMI6D-4	1SNA179670R2600		10	8.00
		5 poles			BJMI6D-5	1SNA179671R1300		10	10.00
		10 poles			BJMI6D-10	1SNA179672R1400		10	20.00
4	**Lateral jumper bars**	10 poles	35 A		PC61-10	1SNA163311R2200		10	5.00
5	**Cross spacing jumpers**	5 mm *0.200 in* - 6 mm *0.236 in* - 8 mm *0.315 in*			EL6	1SNA173627R2100		10	0.10
6	**Terminal block markers**	Blank card		White ☐	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

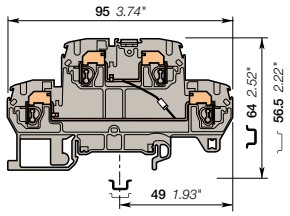
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC161142S0201 - Rev. A

D2.5/5.DD.L spring terminal blocks
Component holder - 5 mm *0.197 in* spacing



D2.5/5.DD.L



5 mm *0.197 in* spacing

2.5 mm²
12 AWG

Description
- Protect or test your circuit with one 1N4007 diode,
- Numerous builtin functions : single jumper system, clearly visible top marker, test sockets, etc,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	With diode, cathode on the lower circuit	Grey	D2.5/5.DD.L	1SNA290164R0300		50	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid Solid / Stranded	0.12-4 mm²		*26-12 AWG*
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		20 A / 2.5 mm²		*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

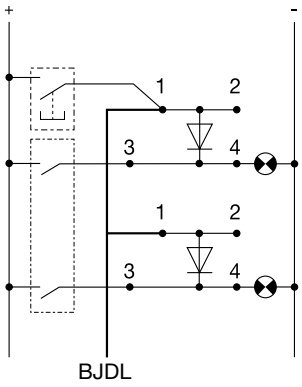
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

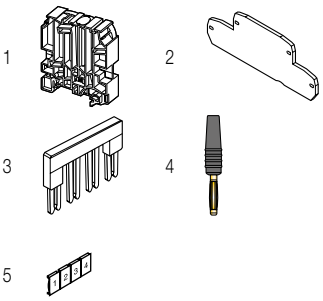
The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS cCSAus Gost R

Typical lamp test application



Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey	BADH	1SNA116900R2700		50	24.00
2	**End sections**	2.5 mm	*0.098 in*	Grey	FED5.D.L	1SNA291441R2600		20	4.20
3	**Jumper bars**	2 poles	24 A	Orange	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black	FC2.MC	1SNA107239R0300		20	1.00
5	**Terminal block markers**	Blank card		White	RC510	1SNA231000R0700		1	5.20

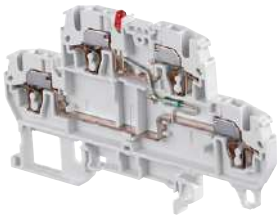
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D2.5/5.DL.L spring terminal blocks
Component holder - 5 mm *0.197 in* spacing

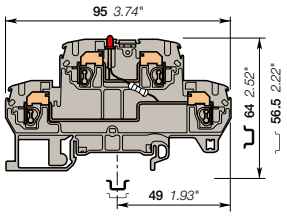


2.5 mm²
12 AWG



1SNC162113F0014

D2.5/5.DL.L



5 mm *0.197 in* spacing

Description
– Quickly identify the circuit status thanks to the indicator,
– Easy to access thanks to the front wiring entry,
– Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	With red LED indicator 24V, positive on the upper circuit	Grey ☐	D2.5/5.DL.L	1SNA290166R0500		50	13.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²		*26-12 AWG*
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		20 A / 2.5 mm²		*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

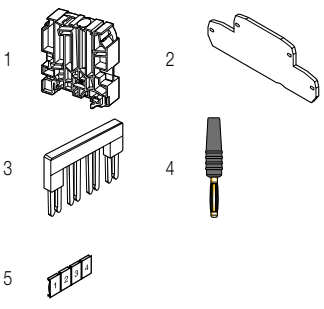
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS cCSAus Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700		50	24.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FED5.D.L	1SNA291441R2600		20	4.20
3	**Jumper bars**	2 poles	24 A	Orange ☐	BJDL5-2	1SNA291102R2300		50	1.00
		3 poles			BJDL5-3	1SNA291103R2400		50	0.70
		4 poles			BJDL5-4	1SNA291104R2500		50	0.80
		5 poles			BJDL5-5	1SNA291105R2600		20	0.90
		10 poles			BJDL5-10	1SNA291110R2600		20	1.20
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2.MC	1SNA107239R0300		20	1.00
5	**Terminal block markers**	Blank card		White ☐	RC510	1SNA231000R0700		1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

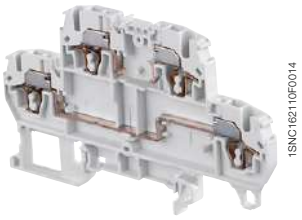
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC162097S0201 - Rev. A

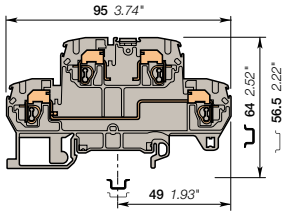
D2.5/5.DE2.L spring terminal blocks
Component holder - 5 mm *0.197 in* spacing



2.5 mm²
12 AWG



D2.5/5.DE2.L



5 mm *0.197 in* spacing

Description

- Customize yourself the double deck terminal blocks by soldering electronic components (max thickness : 4 mm *0.157 in*),
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Upper circuit open	Grey ☐	D2.5/5.DE2.L	1SNA290186R2200	50	13.00

Main technical data

		IEC	*UL*	*CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm²		*26-12 AWG*
	Flexible	0.12-2.5 mm²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm²		
	Gauge	A2		
Rated current / Rated cross section		20 A / 2.5 mm²		*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V		*300 V*
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

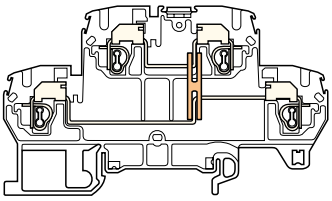
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm *0.37 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

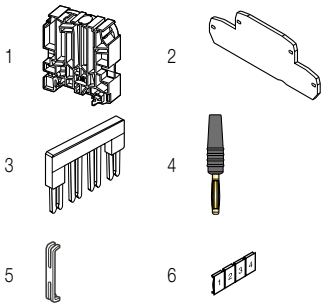
RoHS cCSAus Gost R

Notes



Mounting of the inner deck jumper bar between decks (ITVE.L)

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	12 mm	*0.472 in*	Grey ☐	BADH	1SNA116900R2700	50	24.00
2	**End sections**	2.5 mm	*0.098 in*	Grey ☐	FED5.D.L	1SNA291441R2600	20	4.20
3	**Jumper bars**	2 poles	24 A	Orange ■	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles			BJDL5-3	1SNA291103R2400	50	0.70
		4 poles			BJDL5-4	1SNA291104R2500	50	0.80
		5 poles			BJDL5-5	1SNA291105R2600	20	0.90
		10 poles			BJDL5-10	1SNA291110R2600	20	1.20
4	**Test plugs**	DIA 2 mm	*0.079 in*	Black ■	FC2.MC	1SNA107239R0300	20	1.00
5	**Inner deck jumper bars**				ITVE.L	1SNA291349R1100	50	0.40
6	**Terminal block markers**	Blank card		White ☐	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

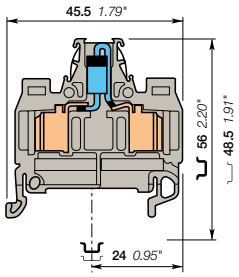
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D1.5/6.ADO.D IDC terminal blocks
Component holder ADO - ADO - 6 mm *0.236 in* spacing





D1.5/6.ADO.D



6 mm *0.236 in* spacing

Description
- Terminal blocks with built-in 1N5408 diode,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Component holder	With diode (cathode on the right)	Grey	D1.5/6.ADO.D1	1SNA199248R1000		50	7.00

Main technical data

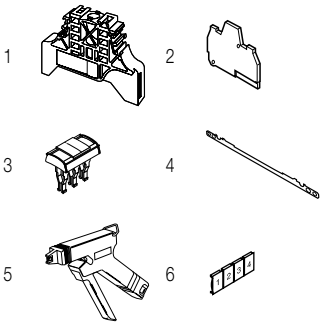
		IEC	*UL*	*CSA*
ADO	Rigid - Solid / Stranded	0.34-1.5 mm²		
	Flexible	0.34-1.5 mm²		
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	with insulated ferrule			
	Gauge			
Rated current / Rated cross section		1 A / 1.5 mm²		
Rated short-time withstand current (1s)		180 A		
Rated voltage		80 V		
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.ABB.com

RoHS RoHS Gost R



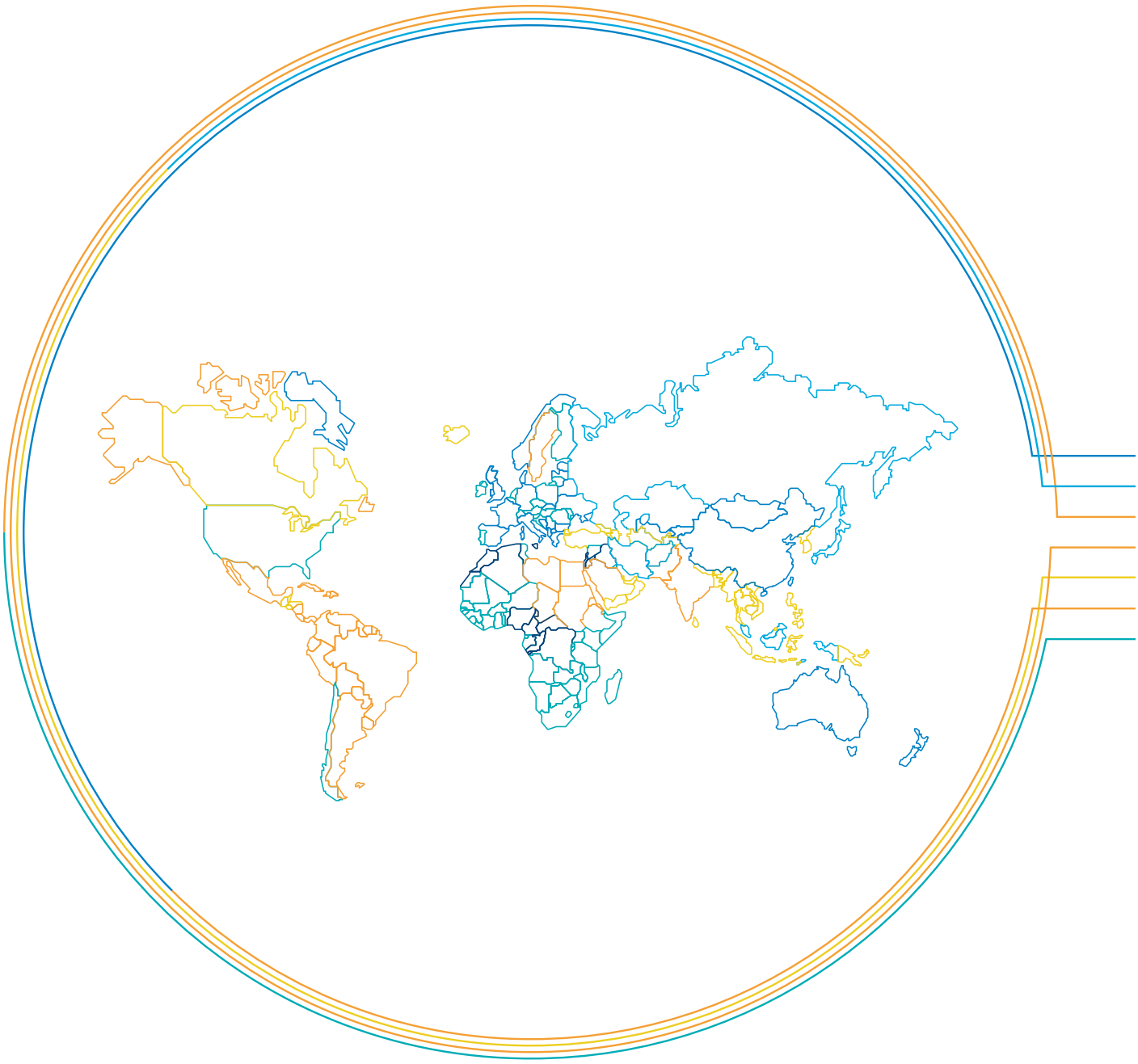
Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Grey	BAM2	1SNA206351R1600		50	12.00
		9 mm	*0.354 in*		BADL	1SNA399903R0200		50	4.70
2	**End sections**	3 mm	*0.118 in*	Grey	FEMAD3	1SNA199341R0500		20	2.50
3	**Jumper bars**	2 poles	17.5 A	Orange	BJADO6-2	1SNA205974R0600		20	1.00
		3 poles			BJADO6-3	1SNA205975R0700		20	1.00
		10 poles			BJADO6-10	1SNA205982R2700		10	6.00
4	**Shield connectors**				CBM5	1SNA178745R1400		50	
5	**Tools**	Semi automatic tool			OUPAD	1SNA178944R0400		1	205.00
		Hand tool			OUMAD	1SNA179466R0600		1	29.00
6	**Terminal block markers**	Blank card		White	RC610	1SNA233000R0100		1	7.50

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC163062S0201 - Rev. A



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Contact us

ABB France
Low Voltage Products Division
Export Department
465, av. des Pré Seigneurs - La Boisse
F-01124 Montluel cedex / France
Tel. : +33 (0)4 37 40 40 00

www.abb.com/lowvoltage

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