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Conditions of Sale

General

The terms contained herein, together with any additional or different terms contained in Cewe Instrument AB's proposal, if any, submitted to purchaser constitute and supersede all prior communications and agreements. We reserve the right to adjust our prices without prior notice.

Minimum order value!

Minimum order is 200 EUR. All orders below 200 EUR will be charged up to this level.

Pricing conditions

Order to 3000 EUR - prices mentioned in this pricelist,
order to 20000 EUR - this price -15%,
order above 20000 EUR - this price -25%.

01 Panel Instruments

Moving Coil Instruments

Article no.	Type	Description
	CQ 48 CQ 72 CQ 96	0-1 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-10 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-15 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	4-20 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-20 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-25 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-40 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-60 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-100 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-150 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-250 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-400 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-600 mA, quadrant scale
	CQ 48 CQ 72 CQ 96	0-1 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-1.5 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-2.5 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-4 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-6 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-10 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-15 A, quadrant scale
	CQ 48 CQ 72 CQ 96	0-25 A, quadrant scale
	CQ 48 CQ 72 CQ 96	Sep. shunt (60 mV), quadrant scale
	CQ 48 CQ 72 CQ 96	0-1 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-1.5 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-2.5 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-4 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-6 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-10 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-15 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-25 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-40 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-60 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-100 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-150 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-250 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-400 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-500 V, quadrant scale
	CQ 48 CQ 72 CQ 96	0-600 V, quadrant scale

01 Panel Instruments

Moving Coil Instruments

Article no.	Type	Description
	CL 48 CL 72 CL 96	0-1 mA, long scale
	CL 48 CL 72 CL 96	0-10 mA, long scale
	CL 48 CL 72 CL 96	4-20 mA, long scale
	CL 48 CL 72 CL 96	0-20 mA, long scale
	CL 48 CL 72 CL 96	0-25 mA, long scale
	CL 48 CL 72 CL 96	0-40 mA, long scale
	CL 48 CL 72 CL 96	0-60 mA, long scale
	CL 48 CL 72 CL 96	0-100 mA, long scale
	CL 48 CL 72 CL 96	0-150 mA, long scale
	CL 48 CL 72 CL 96	0-250 mA, long scale
	CL 48 CL 72 CL 96	0-400 mA, long scale
	CL 48 CL 72 CL 96	0-600 mA, long scale
	CL 48 CL 72 CL 96	0-1 A, long scale
	CL 48 CL 72 CL 96	0-1.5 A, long scale
	CL 48 CL 72 CL 96	0-2.5 A, long scale
	CL 48 CL 72 CL 96	0-4 A, long scale*
	CL 48 CL 72 CL 96	0-6 A, long scale*
	CL 48 CL 72 CL 96	0-10 A, long scale*
	CL 48 CL 72 CL 96	0-15 A, long scale*
	CL 48 CL 72 CL 96	0-25 A, long scale*
	CL 48 CL 72 CL 96	Sep. shunt (60 mV), long scale
	CL 48 CL 72 CL 96	0-1 V, long scale
	CL 48 CL 72 CL 96	0-1.5 V, long scale
	CL 48 CL 72 CL 96	0-2.5 V, long scale
	CL 48 CL 72 CL 96	0-4 V, long scale
	CL 48 CL 72 CL 96	0-6 V, long scale
	CL 48 CL 72 CL 96	0-10 V, long scale
	CL 48 CL 72 CL 96	0-15 V, long scale
	CL 48 CL 72 CL 96	0-25 V, long scale
	CL 48 CL 72 CL 96	0-40 V, long scale
	CL 48 CL 72 CL 96	0-60 V, long scale
	CL 48 CL 72 CL 96	0-100 V, long scale
	CL 48 CL 72 CL 96	0-150 V, long scale
	CL 48 CL 72 CL 96	0-250 V, long scale
	CL 48 CL 72 CL 96	0-400 V, long scale
	CL 48 CL 72 CL 96	0-500 V, long scale
	CL 48 CL 72 CL 96	0-600 V, long scale*

* Not available in size 48x48 mm.

01 Panel Instruments

Moving Coil Instruments with Rectifier

Article no.	Type	Description
CQR 48 CQR 72 CQR 96	0-1 mA,	quadrant scale
CQR 48 CQR 72 CQR 96	0-10 mA,	quadrant scale
CQR 48 CQR 72 CQR 96	0-1 A,	quadrant scale
CQR 48 CQR 72 CQR 96	X/1 A,	quadrant scale
CQR 48 CQR 72 CQR 96	X/5 A,	quadrant scale
CQR 48 CQR 72 CQR 96	0-25 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-40 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-60 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-100 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-150 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-250 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-400 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-500 V,	quadrant scale
CQR 48 CQR 72 CQR 96	0-600 V,	quadrant scale
CQR 48 CQR 72 CQR 96	X/100 V,	quadrant scale
CQR 48 CQR 72 CQR 96	X/110 V,	quadrant scale

01 Panel Instruments

Moving Coil Instruments with Rectifier

Article no.	Type	Description
CLR 48 CLR 72 CLR 96		0-1 mA, long scale
CLR 48 CLR 72 CLR 96		0-10 mA, long scale
CLR 48 CLR 72 CLR 96		0-1 A, long scale
CLR 48 CLR 72 CLR 96		X/1 A, long scale
CLR 48 CLR 72 CLR 96		X/5 A, long scale
CLR 48 CLR 72 CLR 96		0-25 V, long scale
CLR 48 CLR 72 CLR 96		0-40 V, long scale
CLR 48 CLR 72 CLR 96		0-60 V, long scale
CLR 48 CLR 72 CLR 96		0-100 V, long scale
CLR 48 CLR 72 CLR 96		0-150 V, long scale
CLR 48 CLR 72 CLR 96		0-250 V, long scale
CLR 48 CLR 72 CLR 96		0-400 V, long scale
CLR 48 CLR 72 CLR 96		0-500 V, long scale
CLR 48 CLR 72 CLR 96		0-600 V, long scale*
CLR 48 CLR 72 CLR 96		X/100 V, long scale
CLR 48 CLR 72 CLR 96		X/110 V, long scale

* Not available in size 48x48 mm.

01 Panel Instruments

Edgewise Moving Coil Instruments

48x24

Article no.	Type	Description
	MP 48x24	100 mA.....600 mA
	MP 48x24	1 mA.....1 A
	MP 48x24	60 mV.....600 V

72x24

Article no.	Type	Description
	MP 72x24	100 mA.....600 mA
	MP 72x24	1 mA.....1 A
	MP 72x24	60 mV.....600 V

96x24

Article no.	Type	Description
	MP 96x24K	100 mA.....600 mA,
	MP 96x24K	1 mA.....1 A
	MP 96x24K	60 mV.....600 V

96x48

Article no.	Type	Description
	P 96 Prs	100 mA.....600 mA
	P 96 Prs	1 mA.....1 A
	P 96 Prs	60 mV.....600 V

01 Panel Instruments

Moving Iron Instruments

Article no.	Type	Description
	IQ 48 IQ 72 IQ 96	0-1 A
	IQ 48 IQ 72	0-2.5 A
	IQ 48 IQ 72 IQ 96	0-4 A
	IQ 48 IQ 72 IQ 96	0-6 A
	IQ 48 IQ 72 IQ 96	0-10 A
	IQ 48 IQ 72 IQ 96	0-15 A
	IQ 48 IQ 72 IQ 96	0-25 A
	IQ 72 IQ 96	0-40 A
	IQ 72 IQ 96	0-60 A
	IQ 48 IQ 72 IQ 96	X/1 A
	IQ 48 IQ 72 IQ 96	X/5 A
	IQ 48 IQ 72 IQ 96	0-60 V
	IQ 48 IQ 72 IQ 96	0-100 V
	IQ 48 IQ 72 IQ 96	0-150 V
	IQ 48 IQ 72 IQ 96	0-250 V
	IQ 48 IQ 72 IQ 96	0-400 V
	IQ 48 IQ 72 IQ 96	0-500 V
	IQ 72 IQ 96	0-600 V
	IQ 72 IQ 96	0-800 V
Article no.	Type	Description
	IQ 48 IQ 72 IQ 96	X/100 V
	IQ 48 IQ 72 IQ 96	X/110 V

* Not available in size 48x48 mm.

01 Panel Instruments

Bi-metallic Instruments

Bi-metallic Instruments X/1A or X/5A

Article no.	Type	Description
	QB 48	
	QB 72	
	QB 96	

Bi-metallic Instruments

Moving Iron and Bi-metallic Instruments X/1A or X/5A

Article no.	Type	Description
	IQB 72	
	IQB 96	

01 Panel Instruments

Watt meter

Quadrant scale

Article no.	Type	Description
	PQ 12	Single phase
	PQ 13	3 phase 3 wire balanced load
	PQ 14	3 phase 4 wire balanced load
	PQ 23	3 phase 3 wire unbalanced load
	PQ 33	3 phase 4 wire unbalanced load (Neutral not connected)
	PQ 34	3 phase 4 wire unbalanced load

Watt meter

Long scale

Article no.	Type	Description
	PL 12	Single phase
	PL 13	3 phase 3 wire balanced load
	PL 14	3 phase 4 wire balanced load
	PL 23	3 phase 3 wire unbalanced load
	PL 33	3 phase 4 wire unbalanced load (Neutral not connected)
	PL 34	3 phase 4 wire unbalanced load

Var meter

Quadrant scale

Article no.	Type	Description
	QQ 13	3 phase 3 wire balanced load
	QQ 23	3 phase 3 wire unbalanced load
	QQ 33	3 phase 4 wire unbalanced load (Neutral not connected)

Var meter

Long scale

Article no.	Type	Description
	QL 13	3 phase 3 wire balanced load
	QL 23	3 phase 3 wire unbalanced load
	QL 33	3 phase 4 wire unbalanced load (Neutral not connected)

01 Panel Instruments

Frequency Meters

Quadrant scale

Article no.	Type	Description
	FQ 72	46-54 Hz
	FQ 72	56-64 Hz
	FQ 96	46-54 Hz
	FQ 96	56-64 Hz

Frequency Meters

Long scale

Article no.	Type	Description
	FL 96	46-54 Hz
	FL 96	56-64 Hz

Power Factor Meters

Quadrant scale

Article no.	Type	Description
	PFQ 12	Single phase
	PFQ 13	3 phase 3/4 wire balanced load

Power Factor Meters

Long scale

Article no.	Type	Description
	PFL 12	Single phase
	PFL 13	3 phase 3/4 wire balanced load

01 Panel Instruments

Special Design of Instruments

Article no.	Type	Description
		Accuracy cl. 1.0* (standard 1.5) Quadrant scale Intrs.
		Accuracy cl. 1.0* (standard 1.5) Long scale Intrs.
		Rubber Seal for panel
		Calibration protocol

* Not available in size 48x48 mm.

Scale

Article no.	Type	Description
		Red mark at special value
		Colour field
		Double figures
		Non-standard graduation
		Graduation according to curve or table
		Extra text on scale

Movement

Article no.	Type	Description
		Non-standard measuring range
		Non-standard mounting position
		Zero displaced within scale
		Moving iron ammeter, over range 2x; 3x

* Calibration for certain frequency

01 Panel Instruments

Accessories for Instruments

Article no.	Type	Description
	48	Protection cover 48x48 mm
	72	Protection cover 72x72 mm
	96	Protection cover 96x96 mm
	48	Cut-out cover (black) 48x48 mm
	72	Cut-out cover (black) 72x72 mm
	96	Cut-out cover (black) 96x96 mm
	48	Rubber seal 48x48 mm
	72	Rubber seal 72x72 mm
	96	Rubber seal 96x96 mm

Detachable scales

Article no.	Type	Description
		Standard ranges for IQ, QB, IQB Non-standard
		Standard ranges for CQ, CQR Non-standard
		Standard ranges for CL, CLR Non-standard
		Standard ranges for PQ, PL, QQ, QL, PFQ, PFL Non-standard

Standard ranges are defined in our product catalogue for panel instruments.

01 Panel Instruments

Digital Instruments

M300

Article no.	Type	Description
	M300-VAD	0...600 V, AC
	M300-VD1	+/- 50/60/75/100/150 mV
	M300-VD2	+/- 50 mV ... 1999 mV
	M300-VD3	+/- 2 V...199.9 V
	M300-VD4	+/- 200 V...600 V
	M300-AAD	1 or 5 A, AC
	M300-AD1	+/- 1/5/10/20 mA
	M300-AD2	+/- 100 uA...199.9 uA
	M300-AD3	+/-20 mA...10A
	M300-AD4	4/20 mA
	M300-HZD	35 Hz...199.9 Hz

Standard auxiliary supply 230 V AC.

M300 - Option

Article no.	Type	Description
		Auxiliary supply 115 V AC
		Auxiliary supply DC voltage

Digital Instruments

DPM Class 1 96x96

Article no.	Type	Description
	DPM 96 V300-110	
	DPM 96 I300-110	
	DPM 96 I100-110	
	DPM 96 V100-110	
	DPM 96 I200-110	
	DPM 96 V200-110	
	DPM 96 P300-110	
	DPM 96 R300-110	
	DPM 96 W300-110	
	DPM 96 P100-110	
	DPM 96 W100-110	
	DPM 96 E300-112	
	DPM 96 E300-111	

Digital Instruments

DPM Class 0.2 96x96

Article no.	Type	Description
	DPM 96 F100-150 -250	

01 Panel Instruments

Position Indicators

Article no.	Type	Description
	PI 24	DC
	PI 25	DC
	PI 29	DC
	PI 36	DC
	PI 39	DC
	PIR 24	AC
	PIR 25	AC
	PIR 29	AC
	PIR 36	AC
	PIR 39	AC

Option

Article no.	Type	Description
121701		Sleeve for mosaic
00122001		Protection cover, for PI and PIR

Synchronizing Instruments

Article no.	Type	Description
	SY 96 S	Pointer synchroscope
	SY 144 S	Pointer synchroscope
	WQ 96/2 S	Double voltmeter
	WQ 144/2 S	Double voltmeter
	FQ 96/2	Double frequency meter
	FQ 144/2	Double frequency meter
	ZQ 96	Zero volt meter
	ZQ 72	Zero volt meter

Energy Meters

EM 96

Article no.	Type	Description
	EM 96-12	1-Element
	EM 96-13	1-Element
	EM 96-14	1-Element
	EM 96-23	2-Element
	EM 96-34	3-Element

Panel mounted, 96x96 mm. Standard auxiliary supply 230 V AC.

EM 96 - Option

Article no.	Type	Description
		Analogue output
		Auxiliary supply 115 V AC, 400 V AC

02 Transducers

DIN-rail mounted

Article no.	Type	Description
	DU 120	Self powered
	DU 121	AC voltage, AC aux.
	DU 122	AC voltage, AC aux.
	DU 124	AC voltage, AC or DC aux.
	DU 125	AC voltage, AC or DC aux.

DIN-rail mounted

Article no.	Type	Description
	DUD 124	DC voltage, AC or DC aux.
	DUD 125	DC voltage, AC or DC aux.

DIN-rail mounted

Article no.	Type	Description
	DI 120	Self powered
	DI 121	AC current, AC aux.
	DI 122	AC current, AC aux.
	DI 124	AC current, AC or DC aux.
	DI 125	AC current, AC or DC aux.

DIN-rail mounted

Article no.	Type	Description
	DID 124	DC current, AC or DC aux.
	DID 125	DC current, AC or DC aux.

02 Transducers

DIN-rail mounted

Article no.	Type	Description
	DP 124	Active power, AC or DC aux.
	DP 125	Active power, AC or DC aux.
	DP 134	Active power, AC or DC aux.
	DP 135	Active power, AC or DC aux.
	DP 144	Active power, AC or DC aux.
	DP 145	Active power, AC or DC aux.
	DP 234	Active power, AC or DC aux.
	DP 235	Active power, AC or DC aux.
	DP 334	Active power, AC or DC aux.
	DP 335	Active power, AC or DC aux.
	DP 344	Active power, AC or DC aux.
	DP 345	Active power, AC or DC aux.

DIN-rail mounted

Article no.	Type	Description
	DQ 134	Reactive power, AC or DC aux.
	DQ 135	Reactive power, AC or DC aux.
	DQ 144	Reactive power, AC or DC aux.
	DQ 145	Reactive power, AC or DC aux.
	DQ 234	Reactive power, AC or DC aux.
	DQ 235	Reactive power, AC or DC aux.
	DQ 334	Reactive power, AC or DC aux.
	DQ 335	Reactive power, AC or DC aux.
	DQ 344	Reactive power, AC or DC aux.
	DQ 345	Reactive power, AC or DC aux.

DIN-rail mounted

Article no.	Type	Description
	DPQ 134	Combined power P/Q, AC or DC aux.
	DPQ 135	Combined power P/Q, AC or DC aux.
	DPQ 144	Combined power P/Q, AC or DC aux.
	DPQ 145	Combined power P/Q, AC or DC aux.
	DPQ 234	Combined power P/Q, AC or DC aux.
	DPQ 235	Combined power P/Q, AC or DC aux.
	DPQ 334	Combined power P/Q, AC or DC aux.
	DPQ 335	Combined power P/Q, AC or DC aux.
	DPQ 344	Combined power P/Q, AC or DC aux.
	DPQ 345	Combined power P/Q, AC or DC aux.

02 Transducers

DIN-rail mounted

Article no.	Type	Description
	DF 0125-000	Frequency, 80-300 VAC/DC.
	DF 0127-000	Frequency, 24-48 VDC

DIN-rail mounted

Article no.	Type	Description
	DR 134	Resistance (potentiometer), AC or DC aux.
	DR 135	Resistance (potentiometer), AC or DC aux.
	DR 224	Resistance (2-wire), AC or DC aux.
	DR 225	Resistance (2-wire), AC or DC aux.
	DR 334	Resistance (3-wire), AC or DC aux.
	DR 335	Resistance (3-wire), AC or DC aux.
	DR 434	Resistance (temperature), AC or DC aux.
	DR 435	Resistance (temperature), AC or DC aux.

02 Transducers

Special Design of DIN-rail mounted

Standard values are defined in our product catalogue for transducers.

Article no.	Type	Description
		Non-standard input voltage
		Non-standard input current
		Non-standard scale factor
		Non-standard output current
		Tropical design
		Accuracy class 0.2
		Non-standard response time
		Calibration protocol

02 Transducers

Programmable DIN-rail mounted

DPT class 0.2

Article no.	Type	Description
155030013	DPT221-401 / DPT121-401	Full Featured
155030011	DPT220-401 / DPT120-401	4 Analogue Out. 2 digital Out. Without RS485 Modbus, Class 0.2
155030010	DPT201-201 / DPT101-201	2 Analogue Out. No digital Out. With RS485 Modbus, Class 0.2
155030012	DPT221-000 / DPT121-000	No Analogue Out. 2 digital Out. With RS485 Modbus, Class 0.2

DPT class 0.5

Article no.	Type	Description
155040013	DPT521-401 / DPT321-401	Full Featured
155040011	DPT520-401 / DPT320-401	4 Analogue Out. 2 digital Out. Without RS485 Modbus, Class 0.5
155040010	DPT501-201 / DPT301-201	2 Analogue Out. No digital Out. With RS485 Modbus, Class 0.5
155040012	DPT521-000 / DPT321-000	No Analogue Out. 2 digital Out. With RS485 Modbus, Class 0.5

Options

Article no.	Type	Description
158030200		Factory-Programming
158030110		ConfigView KIT (Software+Cable)
158030100		ConfigView (Software only)
155090110		USB Cable DPT

03 Current Transformers

Standard Current Transformers

Article no.	Type	Description
6812	MAK 45/14	40/1 A
6811	MAK 45/14	40/5 A
6813	MAK 45/14	50/1 A
6820	MAK 45/14	50/5 A
6814	MAK 45/14	60/1 A
6821	MAK 45/14	60/5 A
6815	MAK 45/14	75/1 A
6822	MAK 45/14	75/5 A
6816	MAK 45/14	100/1 A
6823	MAK 45/14	100/5 A
6817	MAK 45/14	150/1 A
6824	MAK 45/14	150/5 A

Standard Current Transformers

Article no.	Type	Description
	MAK 45/20	50/1 A
7000	MAK 45/20	50/5 A
	MAK 45/20	60/1 A
7001	MAK 45/20	60/5 A
	MAK 45/20	75/1 A
7002	MAK 45/20	75/5 A
	MAK 45/20	100/1 A
7003	MAK 45/20	100/5 A
	MAK 45/20	150/1 A
7004	MAK 45/20	150/5 A
	MAK 45/20	200/1 A
7005	MAK 45/20	200/5 A

Standard Current Transformers

Article no.	Type	Description
6784	MAK 45/21	60/5 A
6785	MAK 45/21	75/5 A
6781	MAK 45/21	100/5 A
6782	MAK 45/21	150/5 A
6783	MAK 45/21	200/5 A
6780	MAK 45/21	50/5 A

Standard Current Transformers

Article no.	Type	Description
6914	MAK 62/30	100/5 A
6840	MAK 62/30	150/5 A
6828	MAK 62/30	200/1 A
6834	MAK 62/30	200/5 A
6829	MAK 62/30	250/1 A
6835	MAK 62/30	250/5 A
6830	MAK 62/30	300/1 A
6836	MAK 62/30	300/5 A
6831	MAK 62/30	400/1 A
6837	MAK 62/30	400/5 A
6832	MAK 62/30	500/1 A
6838	MAK 62/30	500/5 A
6833	MAK 62/30	600/1 A
6839	MAK 62/30	600/5 A

03 Current Transformers

Standard Current Transformers

Article no.	Type	Description
6841	MAK 62/40	100/1 A
6849	MAK 62/40	100/5 A
6842	MAK 62/40	150/1 A
6850	MAK 62/40	150/5 A
6843	MAK 62/40	200/1 A
6851	MAK 62/40	200/5 A
6844	MAK 62/40	250/1 A
6852	MAK 62/40	250/5 A
6845	MAK 62/40	300/1 A
6853	MAK 62/40	300/5 A
6846	MAK 62/40	400/1 A
6854	MAK 62/40	400/5 A
6847	MAK 62/40	500/1 A
6855	MAK 62/40	500/5 A
6848	MAK 62/40	600/1 A
6856	MAK 62/40	600/5 A

Standard Current Transformers

Article no.	Type	Description
	MAK 74/50	100/1 A
	MAK 74/50	100/5 A
	MAK 74/50	120/1 A
	MAK 74/50	120/5 A
	MAK 74/50	150/1 A
	MAK 74/50	150/5 A
	MAK 74/50	200/1 A
	MAK 74/50	200/5 A
	MAK 74/50	250/1 A
	MAK 74/50	250/5 A
	MAK 74/50	300/1 A
	MAK 74/50	300/5 A
	MAK 74/50	400/1 A
	MAK 74/50	400/5 A
	MAK 74/50	500/1 A
	MAK 74/50	500/5 A
	MAK 74/50	600/1 A
	MAK 74/50	600/5 A
6935	MAK 74/50	750/1 A
	MAK 74/50	750/5 A
	MAK 74/50	800/1 A
	MAK 74/50	800/5 A
	MAK 74/50	1000/1 A
6936	MAK 74/50	1000/5 A

03 Current Transformers

Standard Current Transformers

Article no.	Type	Description
6858	MAK 86/60	400/1 A
6865	MAK 86/60	400/5 A
6859	MAK 86/60	500/1 A
6866	MAK 86/60	500/5 A
6860	MAK 86/60	600/1 A
6867	MAK 86/60	600/5 A
6861	MAK 86/60	750/1 A
6913	MAK 86/60	750/5 A
6862	MAK 86/60	800/1 A
6869	MAK 86/60	800/5 A
6863	MAK 86/60	1000/1 A
6870	MAK 86/60	1000/5 A
6864	MAK 86/60	1200/1 A
6871	MAK 86/60	1200/5 A
6917	MAK 86/60	1250/1 A
6919	MAK 86/60	1250/5 A
6918	MAK 86/60	1500/1 A
6872	MAK 86/60	1500/5 A

Standard Current Transformers

Article no.	Type	Description
6884	MAK 104/80	400/1 A
6892	MAK 104/80	400/5 A
6885	MAK 104/80	500/1 A
6893	MAK 104/80	500/5 A
6886	MAK 104/80	600/1 A
6894	MAK 104/80	600/5 A
6920	MAK 104/80	750/1 A
6923	MAK 104/80	750/5 A
6887	MAK 104/80	800/1 A
6895	MAK 104/80	800/5 A
6888	MAK 104/80	1000/1 A
6896	MAK 104/80	1000/5 A
6889	MAK 104/80	1200/1 A
6897	MAK 104/80	1200/5 A
6921	MAK 104/80	1250/1 A
6910	MAK 104/80	1250/5 A
6890	MAK 104/80	1500/1 A
6898	MAK 104/80	1500/5 A
6922	MAK 104/80	1600/1 A
6899	MAK 104/80	1600/5 A
6891	MAK 104/80	2000/1 A
6911	MAK 104/80	2000/5 A

03 Current Transformers

Standard Current Transformers

Article no.	Type	Description
6874	MAK 140/100h	1000/1 A
6878	MAK 140/100h	1000/5 A
6924	MAK 140/100h	1200/1 A
6929	MAK 140/100h	1200/5 A
6925	MAK 140/100h	1250/1 A
6930	MAK 140/100h	1250/5 A
6875	MAK 140/100h	1500/1 A
6879	MAK 140/100h	1500/5 A
6926	MAK 140/100h	1600/1 A
6880	MAK 140/100h	1600/5 A
6876	MAK 140/100h	2000/1 A
6881	MAK 140/100h	2000/5 A
6927	MAK 140/100h	2500/1 A
6882	MAK 140/100h	2500/5 A
6877	MAK 140/100h	3000/1 A
6883	MAK 140/100h	3000/5 A
6928	MAK 140/100h	4000/1 A
6931	MAK 140/100h	4000/5 A

Standard Current Transformers

Article no.	Type	Description
	MAK 166/125h	1500/1 A
	MAK 166/125h	1500/5 A
	MAK 166/125h	1600/1 A
	MAK 166/125h	1600/5 A
	MAK 166/125h	2000/1 A
	MAK 166/125h	2000/5 A
	MAK 166/125h	2500/1 A
	MAK 166/125h	2500/5 A
	MAK 166/125h	3000/1 A
	MAK 166/125h	3000/5 A
	MAK 166/125h	4000/1 A
	MAK 166/125h	4000/5 A
6900	MAK 166/125h	4000/5 A
	MAK 166/125h	5000/1 A
	MAK 166/125h	5000/5 A

Accessories

Article no.	Type	Description
CW0201015	DIN rail adapter	MAK 62/20 to MAK 104/80
	DIN rail adapter	MAK 45/14 and MAK 45/21

03 Current Transformers

Split Core Current Transformers

Article no.	Type	Description
6941	SCT 74/30	100/1 A
6940	SCT 74/30	100/5 A
6943	SCT 74/30	150/1 A
6942	SCT 74/30	150/5 A
6945	SCT 74/30	200/1 A
6944	SCT 74/30	200/5 A
6947	SCT 74/30	250/1 A
6946	SCT 74/30	250/5 A
6949	SCT 74/30	300/1 A
6948	SCT 74/30	300/5 A
6951	SCT 74/30	400/1 A
6950	SCT 74/30	400/5 A

Split Core Current Transformers

Article no.	Type	Description
6953	SCT 104/50	300/1 A
6952	SCT 104/50	300/5 A
6955	SCT 104/50	400/1 A
6954	SCT 104/50	400/5 A
6957	SCT 104/50	500/1 A
6956	SCT 104/50	500/5 A
6959	SCT 104/50	600/1 A
6958	SCT 104/50	600/5 A
6961	SCT 104/50	750/1 A
6960	SCT 104/50	750/5 A
6963	SCT 104/50	800/1 A
6962	SCT 104/50	800/5 A
6965	SCT 104/50	1000/1 A
6964	SCT 104/50	1000/5 A

Split Core Current Transformers

Article no.	Type	Description
	SCT 140/80	400/1 A
6968	SCT 140/80	400/5 A
	SCT 140/80	500/1 A
	SCT 140/80	500/5 A
	SCT 140/80	600/1 A
6969	SCT 140/80	600/5 A
	SCT 140/80	750/1 A
	SCT 140/80	750/5 A
	SCT 140/80	800/1 A
6970	SCT 140/80	800/5 A
	SCT 140/80	1000/1 A
	SCT 140/80	1000/5 A
	SCT 140/80	1200/1 A
6971	SCT 140/80	1200/5 A
	SCT 140/80	1250/1 A
	SCT 140/80	1250/5 A
	SCT 140/80	1500/1 A
	SCT 140/80	1500/5 A
	SCT 140/80	1600/1 A
	SCT 140/80	1600/5 A

04 Shunts

Shunts without socket

Article no.	Type	Description
6110	30 A	Without socket
6111	40 A	Without socket
6112	50 A	Without socket
6113	60 A	Without socket
6114	75 A	Without socket
6115	100 A	Without socket
6116	150 A	Without socket
6117	200 A	Without socket
6118	250 A	Without socket
6119	300 A	Without socket
6120	400 A	Without socket
6121	500 A	Without socket
6122	600 A	Without socket
6123	700 A	Without socket
6124	800 A	Without socket
6125	900 A	Without socket
6126	1000 A	Without socket
6132	1200 A	Without socket
6127	1500 A	Without socket
6128	2000 A	Without socket
6129	2500 A	Without socket
6130	3000 A	Without socket
6131	4000 A	Without socket
6133	6000 A	Without socket

Shunts with voltage drop 75, 100, 120, 150 and 300 mV are also available. Price on request. Other currents on request.

Shunts with socket

Article no.	Type	Description
6105	5 A	With socket
6106	10 A	With socket
6107	15 A	With socket
6108	20 A	With socket
6109	25 A	With socket
	30 A	With socket
	40 A	With socket
	50 A	With socket
	60 A	With socket
	75 A	With socket
	100 A	With socket
	150 A	With socket
	200 A	With socket
	250 A	With socket
	300 A	With socket
	400 A	With socket
	500 A	With socket
	600 A	With socket
	800 A	With socket

Shunts with voltage drop 75, 100, 120, 150 and 300 mV are also available. Price on request. Other currents on request.

05 Multi Instruments

Multi Functional Panel Instruments

Elite 440 class 0.2

Article no.	Type	Description
	Elite 441	RS 485 Modbus
	Elite 442	RS 485 Modbus
	Elite 443	RS 485 Modbus
	Elite 444	RS 485 Modbus
	Elite 445	RS 485 Modbus
	Elite 446	RS 485 Modbus
	Elite 447	RS 485 Modbus
	Elite 448	RS 485 Modbus

Elite 440 class 0.5

Article no.	Type	Description
	Elite 441	RS 485 Modbus
	Elite 442	RS 485 Modbus
	Elite 443	RS 485 Modbus
	Elite 444	RS 485 Modbus
	Elite 445	RS 485 Modbus
	Elite 446	RS 485 Modbus
	Elite 447	RS 485 Modbus
	Elite 448	RS 485 Modbus

Option

Article no.	Type	Description
	I/O module	2 input, 2 output
158030100		ConfigView (Software only)

05 Multi Instruments

Multi Functional Panel Instruments

MI-2

Article no.	Type	Description
	MI-2-12	
	MI-2-23	
	MI-2-34	
	MI-2-12	RS-485
	MI-2-23	RS-485
	MI-2-34	RS-485
	MI-2-12	RS-232
	MI-2-23	RS-232
	MI-2-34	RS-232
	MI-2-12	DC power
	MI-2-23	DC power
	MI-2-34	DC power
	MI-2-12	RS-485, DC power
	MI-2-23	RS-485, DC power
	MI-2-34	RS-485, DC power
	MI-2-12	RS-232, DC power
	MI-2-23	RS-232, DC power
	MI-2-34	RS-232, DC power
	MI-2-12	Pulse out
	MI-2-23	Pulse out
	MI-2-34	Pulse out
	MI-2-12	RS-485, pulse out
	MI-2-23	RS-485, pulse out
	MI-2-34	RS485, pulse out
	MI-2-12	RS-232, pulse out
	MI-2-23	RS-232, pulse out
	MI-2-34	RS-232, pulse out
	MI-2-12	DC power, pulse out
	MI-2-23	DC power, pulse out
	MI-2-34	DC power, pulse out
	MI-2-12	RS-485, DC power, pulse out
	MI-2-23	RS-485, DC power, pulse out
	MI-2-34	RS-485, DC power, pulse out
	MI-2-12	RS-232, DC power, pulse out
	MI-2-23	RS-232, DC power, pulse out
	MI-2-34	RS-232, DC power, pulse out

Option

Article no.	Type	Description
		Neutral current (MI-2-34 only)

05 Multi Instruments

Multi Functional Panel Instruments

Elite 96 x 96

Article no.	Type	Description
		Elite Class 1.0
		Elite Class 0.5
		Elite Fully Featured, Class 1.0
		Elite Fully Featured, Class 0.5

06 Energy Meters

CeweMeter

Accuracy class 2.0

Article no.	Type	Description
5007	CM 34 01 24	3 x 230/400 V, direct connected

CeweMeter

Accuracy class 1.0

Article no.	Type	Description
5001	CM 34 01 15	3 x 230/400 V, CT connected

CeweMeter

Accessories to CeweMeter

Article no.	Type	Description
5021		Panel mounting kit for CM
5020		Large terminal cover

06 Energy Meters

Premier

Accuracy class 0.5S - 3 Element

Article no.	Type	Description
342000001		Premier, 0.5S, 63.5V 5(15) A
342000003		Premier, 0.5S, 63.5V 1(3) A
342000004		Premier, 0.5S, 57.7V 1(3) A
342000002		Premier, 0.5S, 57.7V 5(15) A

06 Energy Meters

CewePrometer W

Accuracy class 1 - 2 or 3 Element

Article no.	Type	Description
		No I/O, No com.
		No I/O, Single serial* Com.
		No I/O, Double serial** Com.
		No I/O, Single Ethernet (IP) Com.
		No I/O, Serial and Ethernet (IP) Com.
		4/8 I/O, No Com.
		4/8 I/O, Single serial* Com.
		4/8 I/O, Double serial** Com.
		4/8 I/O, Single Ethernet (IP) Com.
		4/8 I/O, Serial and Ethernet (IP) Com.

* RS232 or RS422; ** 2 X RS232 // 2 X RS422 // RS232 + RS422

CewePrometer W

Accuracy class 0.5 S - 2 or 3 Element

Article no.	Type	Description
		No I/O, No com.
		No I/O, Single serial* Com.
		No I/O, Double serial** Com.
		No I/O, Single Ethernet (IP) Com.
		No I/O, Serial and Ethernet (IP) Com.
		4/8 I/O, No Com.
		4/8 I/O, Single serial* Com.
		4/8 I/O, Double serial** Com.
		4/8 I/O, Single Ethernet (IP) Com.
		4/8 I/O, Serial and Ethernet (IP) Com.

* RS232 or RS422; ** 2 X RS232 // 2 X RS422 // RS232 + RS422

CewePrometer W

Accuracy class 0.2 S - 2 or 3 Element

Article no.	Type	Description
		No I/O, No com.
		No I/O, Single serial* Com.
		No I/O, Double serial** Com.
		No I/O, Single Ethernet (IP) Com.
		No I/O, Serial and Ethernet (IP) Com.
		4/8 I/O, No Com.
		4/8 I/O, Single serial* Com.
		4/8 I/O, Double serial** Com.
		4/8 I/O, Single Ethernet (IP) Com.
		4/8 I/O, Serial and Ethernet (IP) Com.

* RS232 or RS422; ** 2 X RS232 // 2 X RS422 // RS232 + RS422

06 Energy Meters

CewePrometer R

Accuracy class 0.5 S - 2 or 3 Element

Article no.	Type	Description
		No I/O, No communication
		No I/O, Single serial* com.
		No I/O, Double serial** com.
		No I/O, serial (RS232) + Ethernet (IP) com.
		4/6 I/O, No communication
		4/6 I/O, Single serial* com.
		4/6 I/O, Double serial** com.
		4/6 I/O, serial (RS232) + Ethernet (IP) com.
		2/10 I/O, No communication
		2/10 I/O, Single serial* com.
		2/10 I/O, Double serial** com.
		2/10 I/O, serial (RS232) + Ethernet (IP) com.
		0/12 I/O, No communication
		0/12 I/O, Single serial* com.
		0/12 I/O, Double serial** com.
		0/12 I/O, serial (RS232) + Ethernet (IP) com.

* RS232 or RS422; ** 2 X RS232 // 2 X RS422 // RS232 + RS422

CewePrometer R

Accuracy class 0.2 S - 2 or 3 Element

Article no.	Type	Description
		No I/O, No communication
		No I/O, Single serial* com.
		No I/O, Double serial** com.
		No I/O, serial (RS232) + Ethernet (IP) com.
		4/6 I/O, No communication
		4/6 I/O, Single serial* com.
		4/6 I/O, Double serial** com.
		4/6 I/O, serial (RS232) + Ethernet (IP) com.
		2/10 I/O, No communication
		2/10 I/O, Single serial* com.
		2/10 I/O, Double serial** com.
		2/10 I/O, serial (RS232) + Ethernet (IP) com.
		0/12 I/O, No communication
		0/12 I/O, Single serial* com.
		0/12 I/O, Double serial** com.
		0/12 I/O, serial (RS232) + Ethernet (IP) com.

* RS232 or RS422; ** 2 X RS232 // 2 X RS422 // RS232 + RS422

06 Energy Meters

CewePrometer

Calibration

Article no.	Type	Description
		Calibrated to accuracy 0.5 Reactive
		Calibrated to accuracy 0.2 Reactive
		Recalibrated cl. 1
		Recalibrated cl. 0.5S
		Recalibrated cl. 0.2S

Configuration sw

Article no.	Type	Description
379811001		CeweConfig Kit, IR opto head + CeweConfig
379810001		CeweConfig, configuration and simple read out SW.

Mounting accessories -R

Article no.	Type	Description
3691xx001		19" rack for one meter
3691xx001		19" rack for two meters
3691xx501		11" rack for one meter
369900001		Back plane kit, CewePrometer-R
369900004		Back plane kit ISKRA, L+G
369900011		Back plane kit, EMH
369900002		Cover plate kit to cover empty slot in 19" rack
369900012		Protection cover ESSAILEC
369900006		Cable harness U+I+Aux+earth
369900007		I/O cables 10 pcs
369900009		Crimped plugs, 10 pcs
369900010		Cable markings, complete set for two meters
369900008		Cable sheath for I/O

Mounting accessories -W

Article no.	Type	Description
379891001		Panel mounting kit for Ceweprometer-W

Options for CewePrometer

Article no.	Type	Description
798301		Battery Lithium 3V, CR14250SE
379891004		Communication port CewePrometer-W RS232
379891005		Communication port CewePrometer-W RS422
379891008		Communication port CewePrometer-W Ethernet
379891003		Opto head RS232
379891002		Opto head USB
	Dual Power supply	Internal CewePrometer-R
7483	Dual Power supply	External CewePrometer-R/W 230VAC/110VDC
7482	Dual Power supply	External CewePrometer-R/W 110VAC/48-130VDC

06 Energy Meters

DIN Rail Meter

MID approved

Article no.	Type	Description
000000283	CDM 3406	3 x 230/400 V, CT connected 3p4w
000000284	CDM 3306	3 x 400 V, CT connected 3p3w
000000285	CDM 3480	3 x 230/400 V, direct connected 3p4w
000000286	CDM 3380	3 x 400 V, direct connected 3p3w
000000287	CDM 1280	1 x 230 V, direct connected single phase

DIN Rail Meter

Accessories for CDM

Article no.	Type	Description
000000288	CDM-Mod	Modbus com module for CDM
000000289	CDM-M	M-bus com module for CDM
000000290	CDM-Lan	Ethernet com module for CDM

07 Communication Equipment

Converters

RS-422/485/232 converters

Article no.	Type	Description
501510502	MDW-45 LV	9.6-57.6 VDC
501510501	MDW-45 HV	88-300 VDC/85.5-264 VAC

DIN-model for 35 mm rail

Converters

RS-422/485 repeaters

Article no.	Type	Description
501540101	RD-48 HV	85.5 - 264 VAC
501540102	RD-48 LV	9.6-57.6 VDC

DIN-model for 35 mm rail

Protocol converter

IEC62056-21 to Modbus

Article no.	Type	Description
501570100	CeweMod-kit	Modbus RTU/TCP for up to 8 CewePrometer
501570900	CeweMod-kit	Modbus RTU/TCP for one CewePrometer

DIN-model for 35 mm rail

07 Communication Equipment

Modems

Tele modems

Article no.	Type	Description
	TD-36 LV	33.6 kbits/s, 12 - 48 VDC/12 - 27 VAC
	TD-36 AV	33.6 kbits/s, 18 - 300 VDC/12 - 264 VAC
	TD-36/485 LV	33.6 kbits/s, 12 - 48 VDC/12 - 27 VAC
	TD-36/485 AV	33.6 kbits/s, 18 - 300 VDC/22 - 264 VAC

DIN-model for 35 mm rail

Modems

GSM/GPRS modems

Article no.	Type	Description
501020100	GDW-11	9.6-57.6 VDC, RS232, including antenna and cable
501020108	GDW-11-485	9.6-57.6 VDC, RS422/485 including antenna and cable

**) DIN-model for 35 mm rail*

Accessories to communication equipment

Article no.	Type	Description
502090100	Null modem cable	PC to Netbiter/CeweMod/CewePrometer 1.5m
501090102	Serial cable	PC to modem/converter 1.5m

11 Software

Presentation/evaluation

Cetrics for xx dataserie

Article no.	Type	Description
	CeweCetrics	1 – 10
		11 – 50
		51 – 150
		151 – 500
		501 – 2000
		2001 – 5000

Upgrading to:

Article no.	Type	Description
	CeweCetrics	From max 50 to 150
		From max 150 to 2000
		From max 2000 to 5000
		From max 50 to 2000
		From max 150 to 5000
		From max 50 to 5000

Presentation/evaluation

Options

Article no.	Type	Description
601010107	Export Module	CetricsExporter - Export module in standard format
	Export Module	CetricsExporter - Customised output format
601010109	Backup Module	Cetrics DBbackupTool - Backup tool for scheduling



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