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СЧЕТЧИКИ

Технические характеристики



Sample picture	Product family	Voltage supply	Housing	Features
	B 148	18...26 VAC / 50 Hz 110...120 VAC / 50 Hz 220...240 VAC / 50 Hz 350...400 VAC / 50 Hz 110...127 VAC / 60 Hz 220...240 VAC / 60 Hz	Built-in housing Surface mount housing Surface mount DIN rail housing EN 50022	• DIN dimensions
	B 160	10...80 VDC	Built-in housing Surface mount DIN rail housing EN 50022	• DIN dimensions
	F 102	24/110 VAC ±10 % (50/60 Hz) 230 VAC +6/-10 % (50/60 Hz) 24 VDC ±10 %	Built-in housing	• Mini series 32 x 21.5 mm • Screw mount

	F 112	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Mini series 32 x 21.5 mm • Screw mount
	F 122	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Mini series 32 x 21.5 mm • Spring clip
	F 304	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Socket box	• Module 50 x 25 mm • Socket box
	F 314	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 25 mm • Screw mount
	F 324	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 25 mm • Spring clip
	F 364	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 25 mm • Screw mount
	F 503	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 12/24 VDC $\pm 10\%$	Built-in housing	• Mini series 36 x 24 mm • Screw mount
	F 504	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Socket box	• Module 50 x 25 mm • Socket box

	F 513	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 12/24 VDC $\pm 10\%$	Built-in housing	• Mini series 36 x 24 mm • Screw mount
	F 514	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 25 mm • Screw mount
	F 523	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 12/24 VDC $\pm 10\%$	Built-in housing	• Mini series 36 x 24 mm • Spring clip
	F 524	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 25 mm • Spring clip
	FE304	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Socket box	• Module 50 x 50 mm • Socket box
	FE314	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 50 mm • Screw mount
	FE324	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 50 mm • Spring clip
	FE504	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Socket box	• Module 50 x 50 mm • Socket box

	FE514	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	- Module 50 x 50 mm - Screw mount
	FE524	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	- Module 50 x 50 mm - Spring clip
	FS218	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	- Large design series - Front 144 x 72 mm - Subtracting
	FS219	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	- Large design series - Front 144 x 72 mm - Subtracting - Electric reset
	FS304	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Socket box	- Module 50 x 50 mm - Socket box - Subtracting
	FS309	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Socket box	- Module 50 x 50 mm - Socket box - Subtracting - Permanent precontact - Electric reset
	FS314	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	- Module 50 x 50 mm - Screw mount - Subtracting
	FS319	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	- Module 50 x 50 mm - Screw mount - Subtracting - Permanent precontact

				• Electric reset
	FS324	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 50 mm • Spring clip • Subtracting
	FS329	24/110 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $+6/-10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Module 50 x 50 mm • Spring clip • Subtracting • Permanent precontact • Electric reset
	H 126	-	Surface mount housing with mounting plate	• Stroke counter 5-digits • Adding • Base plate horizontal
	H 127	-	Surface mount housing with mounting plate	• Stroke counter 5-digits • Adding • Base plate vertical
	H 300	-	Surface mount housing with mounting plate	• Stroke counter 6-digits • Adding • Base plate vertical
	H 310	-	Surface mount housing with mounting plate	• Stroke counter 5-digits • Adding • Base plate horizontal
	H 400	-	Surface mount housing with mounting plate	• Stroke counter 7-digits • Adding • Base plate horizontal

	H 410	-	Surface mount housing with mounting plate	• Stroke counter 5-digits • Adding • Base plate horizontal
	ISI30	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• Impulse counter • Adding or subtracting
	ISI31	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• Difference counter • A-B or A with up/down
	ISI32	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• Up/down counter with • Direction signal
	ISI33	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• Up/down counter with • A90°B evaluation • Position display
	ISI34	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• LCD display 8-digits • Keylock
	ISI35	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• LCD display 8-digits • Keylock
	ISI36	Lithium battery (approx. 8 years at 20 °C)	Built-in housing	• Count frequency max. 12 kHz

	M 300	-	Surface mount housing with mounting plate	• Meter counter 6-digits • adding • Base plate vertical
	M 310.A	-	Surface mount housing with mounting plate	• Meter counter 5-digits • PTB approved • Base plate horizontal
	M 310	-	Surface mount housing with mounting plate	• Meter counter 5-digits • adding • Base plate horizontal
	M 400	-	Surface mount housing with mounting plate	• Meter counter 7-digits • adding • Base plate horizontal
	M 410.A	-	Surface mount housing with mounting plate	• Meter counter 5-digits • PTB approved • Base plate horizontal
	M 410	-	Surface mount housing with mounting plate	• Meter counter 5-digits • adding • Base plate vertical
	M 411	-	Surface mount housing with mounting plate	• Drive shaft at bottom • Meter counter 5-digits • adding • Base plate vertical
	ME102	-	Surface mount housing	• Meter counter 4-digits • 1 preset • Subtracting • Option: precontact

	ME230	-	Surface mount housing	• Large meter counter • 1 preset • Subtracting • Option: precontact
	ME280 PTB	-	Surface mount housing	• Large meter counter • PTB approved • 1 preset • Adding
	ME280	-	Surface mount housing	• Large meter counter • 1 or 2 presets • Adding
	ME282 PTB	-	Surface mount housing	• Large meter counter • PTB approved • 1 or 2 presets • Adding
	N 208	12...24 VDC	Built-in housing	• Totalizer • Difference counter • Position display
	N 214	24/48 VAC $\pm 10\%$ (50/60 Hz) 115/230 VAC $\pm 10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• LED display 14 mm • Position display • Programmable • Serial interfaces
	NA214	85...265 VAC (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• SSI display • 3 relay outputs • Serial interfaces
	NE210	24/48 VAC $\pm 10\%$ (50/60 Hz) 85...265 VAC (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Preset counter • programmable as • Time meter • Time relay

	NE212	24/48 VAC $\pm 10\%$ (50/60 Hz) 85...265 VAC (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Multifunctional • Totalizer 8-digits • Integrated batch counter • Serial interfaces
	NE214	24/48 VAC $\pm 10\%$ (50/60 Hz) 115/230 VAC $\pm 10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• LED display 14 mm • Totalizer 6-digits • Integrated batch counter • Serial interfaces
	NE215	115 VAC $\pm 10\%$ (50/60 Hz) 230 VAC $\pm 10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• Meter counter with • PTB approved • Display in mm or cm • Integrated batch counter • Serial interfaces
	NE216	24/48 VAC $\pm 10\%$ (50/60 Hz) 85...265 VAC (50/60 Hz) 12...30 VDC	Built-in housing	• 2 presets • Step presets • Trailing preset • Totalizer or time meter • Interface RS485
	NE218	24/48 VAC $\pm 10\%$ (50/60 Hz) 115/230 VAC $\pm 10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• LED display 14 mm • Totalizer 6-digits • Integrated auxiliary counter • Serial interfaces
	NE230	14...28 VAC (50/60 Hz) 85...265 VAC (50/60 Hz) 10...30 VDC	Surface mount housing	• Housing for DIN rail • Totalizer 6-digits • Integrated auxiliary counter • Serial interfaces
	PCD41	24/48 VAC $\pm 10\%$ (50/60 Hz) 115/230 VAC $\pm 10\%$ (50/60 Hz) 12...30 VDC	Built-in housing	• Offset for measured values • 2 limits with relay • Serial interfaces

	T 120	-	Housing with retaining ring	• Hand-held piece counter • With retaining ring • Housing of metal
	T 123	-	Housing with ground plate (table mount)	• Hand-held piece counter • With base mounting plate • Housing of metal
	T 124	-	Housing with mounting plate (wall mount)	• Hand-held piece counter • With wall mounting plate • Housing of metal
	T 127	-	Surface mount housing with mounting plate	• Piece counter 4-digits • With lever
	T 130	-	Housing with retaining ring	• Hand-held piece counter • With retaining ring • Housing of plastic
	T 134	-	Plug-on housing for table and wall mount	• Hand-held piece counter • With base/wall mounting plate • Housing of plastic
	TA200	24/48 VAC ± 10 % (50/60 Hz) 115/230 VAC ± 10 % (50/60 Hz) 24 VDC ± 10 %	Built-in housing	• Count frequency max. 40 kHz • Measuring units 1/h, 1/min, 1/s • Scaling factor
	TA201	24/48 VAC ± 10 % (50/60 Hz) 115/230 VAC ± 10 % (50/60 Hz) 24 VDC ± 10 %	Built-in housing	• Count frequency max. 40 kHz • Ratio display

	TA202	24/48 VAC $\pm 10\%$ (50/60 Hz) 115/230 VAC $\pm 10\%$ (50/60 Hz) 24 VDC $\pm 10\%$	Built-in housing	• 2 limits • Count frequency max. 40 kHz • Ratio display • Serial interfaces • Analog output
	U 126	-	Surface mount housing with mounting plate	• Revolution counter • adding, 5-digits • Base plate horizontal
	U 127	-	Surface mount housing with mounting plate	• Revolution counter • adding, 5-digits • Base plate vertical
	U 300	-	Surface mount housing with mounting plate	• Revolution counter • adding, 5-digits • Base plate vertical
	U 310	-	Surface mount housing with mounting plate	• Revolution counter • adding, 5-digits • Base plate horizontal
	U 400	-	Surface mount housing with mounting plate	• Revolution counter • adding, 7-digits • Base plate horizontal
	U 401	-	Surface mount housing with mounting plate	• Drive shaft at bottom • Revolution counter • adding, 5-digits • Base plate horizontal

	U 410	-	Surface mount housing with mounting plate	• Revolution counter • adding, 5-digits • Base plate horizontal
	U 411	-	Surface mount housing with mounting plate	• Drive shaft at bottom • Revolution counter • adding, 5-digits • Base plate horizontal
	UE102	-	Surface mount housing	• Revolution counter • 1 preset, 4 digits • subtracting • Option: precontact
	UE230	-	Surface mount housing	• Revolution counter • 1 preset • subtracting • Option: precontact
	UE280	-	Surface mount housing	• Large meter counter • 1 or 2 presets • adding

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