

smart-me 3-Phase Meter Telstar CT

Technical Data

Product certification	CE, MID 2014/32/EU, CH load profile/ reactive energy, RED
Accuracy class	B (MID) / 2 (IEC)
Meter type	+A (reference), -A (delivery), +R, -R
Quadrants	Q1, Q2, Q3, Q4
Mains voltage	3x230/400VAC 50Hz
Current measuring range I _{min} -I _{ref} (I _{max})	0.01-1(6)A
CT ratio	1:1 to 20'000:1 or 5:5 to 20'000:5
Measuring device category	CAT III
Temperature range	-25 °C to 70 °C
Rel. humidity	Average 75%, without condensation/ short term 95%, without condensation
Measured values	Active energy (kWh), Active power (kW) Reactive energy (kVArh) Reactive power (kVA) Current (A), voltage (V) Power factor (cosφ)
Own consumption	< 0.8W per phase
Tariffs	Two via digital tariff input or use of any virtual tariffs in the cloud
S0 output	1'000 pulses per kWh
Digital input E1	Floating tariff input (12 VDC/230 VAC)
Digital outputs S0-0, S-1	Floating outputs (SG ready), 12 VDC/230 VAC S0-0: max. 0.4W S-1: max. 8A@230VAC or 5A@12VDC
Communication	WLAN IEEE 802.11 b/g/n (2.4 GHz)
Data volume	< 75MB/month
Wi-Fi security standard	WEP, WPA-PSK/WPA2-PSK
Data rate	< 75MB/Monat
Data storage	Two months
Protection class	II
IP class	IP 20, IP 51 (installed in control cabinet), interior
Assembly	DIN rail
Dimensions	5 modules, 90 x 90 x 65.7 mm
Server location	Switzerland
last edited on	28.06.2023

Order information

3-Phase Meter Telstar CT MID Wi-Fi	212062
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