Winner SWISS STARTUPS AWARDS

smart-me 3-Phase Meter

The first 3-phase DIN rail energy meter with a direct connection to a cloud

The smart-me 3-phase meter is a precise high-performance energy meter with a built-in Wifi interface. No additional hardware is needed for the integration into the smart-me cloud. The meter uses the existing wireless network and can be easily controlled and analysed via a smartphone, a tablet or a computer. This is the easiest option to visualise in realtime the usage of energy, to analyse the metered data and to optimise the own consumption.

Functions:

- · 3-phase energy meter with MID 2014/32/EU Certification
- Direct measurement up to 80 A (not switchable), direct measurement up to 32 A (switchable)
- · Encrypted Wi-Fi connection directly to the smart-me cloud
- · Real-time measurement data with maximum precision
 - Remote switch, time switch and switching according to conditions
- The smart-me cloud enables extensive energy data management, automatic invoicing, remote controlling and alarms
- · Additional contact output to control external devices
- The 3-phase meter acts as a gateway to the cloud for (almost) all IP-capable smart-energy devices (heat pumps, heating systems, battery storages, and many more)
- Easy installation using the free smart-me app available for Android and iOS

Technical data

Reference current5 (80) A / 5 (32) A (switchable)InterfaceWifi, SO / potential-free contact output, tariff input (25-253V AC/DC), SG ReadyOwn consumption< 0.8 W per phase-25 to +70 °Ccontact output, tariff input (25-253V AC/DC), SG ReadyMeasuring range5 - 18,400 W (80 A) per phase 5 - 7,360 W (32 A) per phaseWifi standard802.11 b/g/nAccuracy classClasse BWifi security standardWEP, WPA, WPA2 (personal)Type of energy meterBidirectional meter (import and export)S0 pulse rate1,000 / 10,000 impulses per kWhMeasurement valuesActive energy (kWh), active power (kW), current (A), volt- age (V), power factor (cos phi), switch statusData storage Size2 monthsTariffs2AssemblyDIN railIncluded in the Pro VersionModbus TCP interface, reactive energy (kvarh), reactive power (kvar)DIN rail				
Temperature range-25 to +70 °C(25-253V AC/DC), SG ReadyMeasuring range5 - 18,400 W (80 A) per phaseWifi standard802.11 b/g/nAccuracy classClasse BWifi security standardWEP, WPA, WPA2 (personal)Type of energy meterBidirectional meter (import and export)S0 pulse rate1,000 / 10,000 impulses per kWhMeasurement valuesActive energy (kWh), active power (kW), current (A), volt- age (V), power factor (cos phi), switch statusData storage2 monthsTariffs2AssemblyDIN railIncluded in theModbus TCP interface, reactive energy (kvarh), reactive power (kvar)Div rail	Reference current	5 (80) A / 5 (32) A (switchable)	Interface	
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Included in the Modbus TCP interface, reactive energy (kvarh), reactive power (kvar)			Size	5 modules, 90 × 90 mm
	Tariffs	2	Assembly	DIN rail
Pro Version	Included in the	Modbus TCP interface, reactive energy (kvarh), reactive power (kvar)		
	Pro Version			

Ordering information

Direct connection 80 A	182060	Direct connection 32 A	182061
		switchable	





Technical statements and illustrations are not binding, mistakes and alterations are reserved