SmartDHOME

MyPM01S meter for single-phase systems

Technical Note P/N 01350-4050-00 - rev. 2, 29/06/2022

MyPM01S is the ideal device for energy supply services where information transfer is required using the M2M NB-IoT wireless network.

MyPM01S is ideal for prepaid energy supply services (Pay per Use) thanks to the **disconnector capable of interrupting the energy** when the maximum paid budget is reached.

Features

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- **Direct power supply:** MyPM01S does not need batteries to be powered, it is powered directly from the line to which it is connected.

- **Safe fixing:** MyPM01S is easily fixed, thanks to the 4-unit DIN bar.

- **Constant reading:** The data is read in real time and continuously; the transmission frequency can be set based on the contractual NB-IoT tariff plan (standard 1 transfer every 10 minutes).

- **Clear display:** The display verifies in real time all readings and set parameters.

- **Real-time management:** At any time, it is possible to remotely power on and off all the loads connected to the device; once this operation has been carried out, a

confirmation message will be notified.

- **Contact Pro IoT:** The data can be collected by the Contact Pro IoT cloud platform, which allows the management of related processes (reports, APP management, etc.) as well as made available (Web services) to third-party applications.

Technical specifications

Voltage	Nominal Voltage	220 Vac
	Nominal frequency	50/60 Hz
	Consumption	<4 VA
Current	Maximum current	60 A
	Starting current	0,04 A
Measurement performance	Accuracy	Class 1
Clock	Accuracy	<0,5 sec/day
Trasmission	Protocols	NB-IoT (band 20) e 2G (backup)
	Frequency	Configurable (standard 1 data every 10 minutes)
	Memory	10 samples (backup in case of no connection)
LCD display	Display LCD	8 digits – V, I, P, Q, PF, kWh (999999.99 kWh)
Dimension	Dimension	72*88*70 mm (4-unit DIN)
Working environment	Operating temperature range	-25°C~55°C
	Storage temperature	-40°C~70°C
	Maximum humidity	≤95% (no condensation)
	Altitude	<2.000m

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