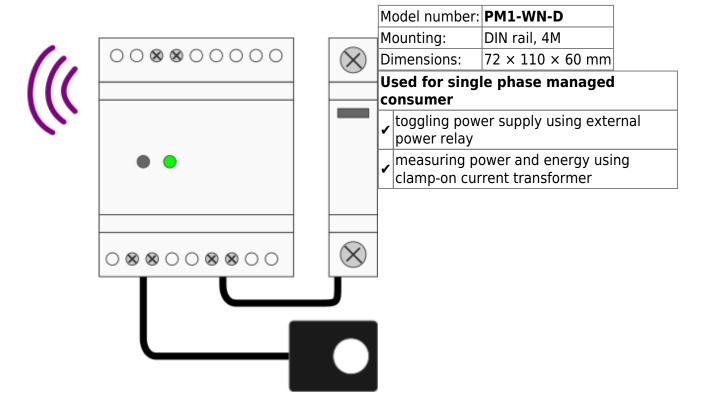
Wireless DIN rail power meter

Wireless DIN rail power meter, external power relay switching and consumer measurement



Features

- Wireless load management, external power-relay control
- Consumer measurements, clamp-on current transformer

General description

Wireless DIN rail power meter PM1-WN-D is a DIN rail mounted control unit. It can switch on/off an external power-relay and measure active power and energy consumption.

This device has to be directly and continuously main powered. For network purposes, it is a Router (Repeater) i.e. it has function of maintaining radio traffic from and to other similar devices and it can also act as a parent device for battery-powered sensors of the same family.

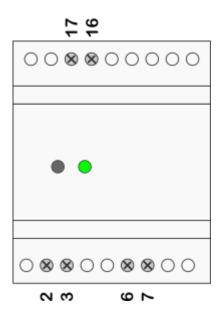
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Technical specifications

POWER SUPPLY	85-250 Vac; 50/60 Hz	
WIRELESS CHARACTERISTICS	2405 MHz ÷ 2480 MHz	
	DSSS Modulation	
	Nominal transmission Power +3dBm	
	IEEE 802.15.4 compliant	
	Stack EmberZNet3.5.x	
	Stack version 0	
	Proprietary profile ID	
	Proprietary encryption key	
MEASURES	Energy consumed [Wh]	
	Active Power [W]	
	Time of measurement [sec]	
MAXIMUM LOAD	15 kW	
RELAY CHARACTERISTICS	Contacts 10A 250V (resistive load)	
CONNECTIONS	Terminal blocks	
OPERATING CONDITIONS	CONDITIONS -10 + 55 °C	
PROTECTION CLASS		

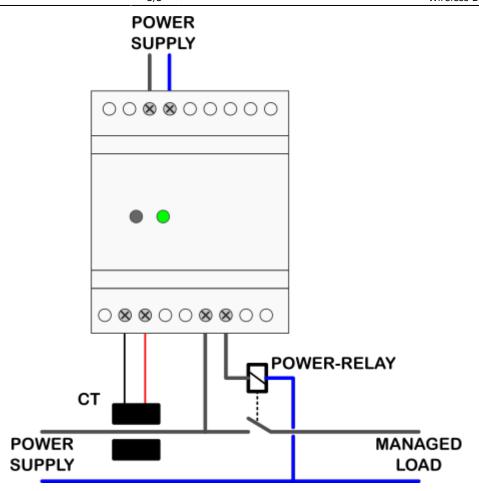
Terminals

PM1-W	N-D		
MAINS	16	Dower course	L
MAINS	Power source	N	
СТ	2	Current transformer	black
CI	3		red
Relay	6	Power relay	coil power
			supply
	7		coil



Connection

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