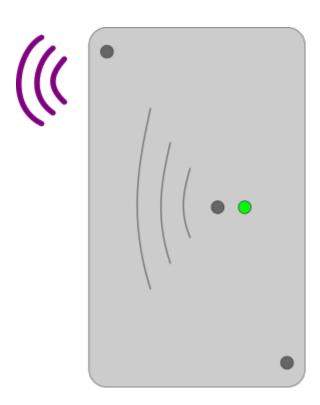
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Wireless relay

Single-phase power relay and consumer measurement



Model number:		RL1-WN-W				
Mounting:		On wall				
Dimensions:		76 × 116 × 25 mm				
Used for single phase managed consumer						
✓ t	toggling power supply					
✓ r	measuring power and energy					

Applications

• Wireless power-relay with consumer measurements

Features

- Wireless load management
- Consumer measurements

General description

Wireless relay RL1-WN-W is a wall mounted control unit. It can switch on/off an electric load, measure active power and energy consumption.

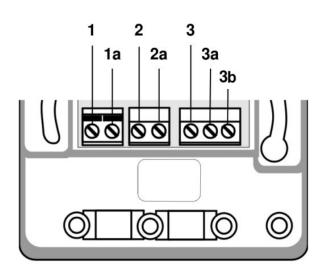
This device has to be directly and continuously main powered. For network purposes, it is a Router (Repeater) i.e. it has function of maintaining radio traffic from and to other similar devices and it can also act as a parent device for battery-powered sensors of the same family.

Technical specifications

POWER SUPPLY	85-250 Vac; 50/60 Hz		
	2405 MHz ÷ 2480 MHz		
	DSSS Modulation		
	Nominal transmission Power +3dBm		
WIRELESS CHARACTERISTIC	IEEE 802.15.4 compliant		
WIRELESS CHARACTERISTICS	Stack EmberZNet3.5.x		
	Stack version 0		
	Proprietary profile ID		
	Proprietary encryption key		
	Energy consumed [Wh]		
MEASURES	Active Power [W]		
	Time of measurement [sec]		
RELAY CHARACTERISTICS	Contacts 10A 250V (resistive load)		
CONNECTIONS	Terminal blocks		
OPERATING CONDITIONS	-10 + 55 °C		
PROTECTION CLASS	IP30		

Terminals

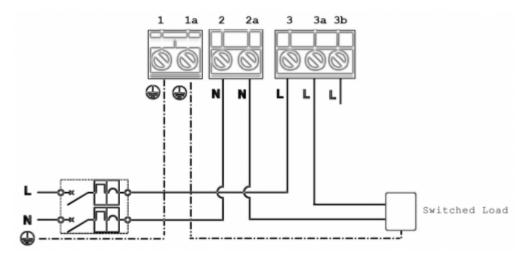
RL1-WN-W			Power source	Consumer
PE	PE	1	PE	/
	PE	1a	/	PE
Neutral	N	2	N	1
	N	2a	/	N
Phase IN	L	3	L	/
Phase OUT	L	3a	/	L
Not used	L	3b	/	/



Connection

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