



Smart Relay 16A DIN

Remote power control designed for DIN mounting

The Zigbee based on/off relay for DIN rail mounting enables your customers to switch equipment on and off remotely, e.g. from a smartphone or a website.



Overview

The relay consists of a DIN rail unit with built-in relay, and it communicates with a gateway.

With this relay, the user is capable of configuring his home appliances in clusters and control a whole group of units instead of controlling each device separately.

The Smart Relay 16A DIN also includes built-in power metering functionality, which enables the user to monitor the power consumption of each group of appliances in a building, resulting in sharpened awareness of power waste and energy optimization.

All data loggings are transmitted to a data concentrator.

Key features

- On/off functionality
- Phase dropout alarm
- Energy metering device
- Zigbee Home Automation 1.2 certified

Area of use

In your home, holiday homes.

Technical specifications

General

Dimensions (WxHxD)	90 x 65 x 17.5 mm
Color	Light grey
Power supply	230V +/- 10%, 50Hz
Power consumption	0.4 W
Radio	Sensitivity: -101 dBm @ 1% PER Output power: +8 dBm
Environment	Operation temperature 0 to +50°C IP class: IP30 Relative humidity 5% - 85%, non condensing Storage temperature -40°C to +85°C

Functions

Power meter	Voltage range: 207 to 253 VAC Current range: 16 A Accuracy: Typ +/- 2% Frequency range: 45-65 Hz, resolution 0.01 Hz "Reported resolution: 1W"
Remote control	Max. switch voltage: 250 VAC Max switch current: 16 A Overload and over temperature protection
Phase dropout alarm	via ZigBee
Wireless protocol	ZigBee Home Automation ZigBee router

Certifications

Conforming to CE, RoHS and REACH directives
ZigBee Home Automation 1.2 certified