



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.

Key features are:



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

Power meter functionality

The relay consists of a DIN rail unit with built-in relay. The Smart Relay 16A DIN communicates via ZigBee and enables the user to configure machines and appliances in clusters, providing the operator with the ability to control groups of units, instead of having to control each device separately.



Easy installation
Smart metering device
Secure communication

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 units in the building, resulting in increased awareness of energy consumption and waste. All data loggings are transmitted to a data concentrator.



Smart Relay 16A DIN - Technical specifications

General

Dimensions (W x H x D) 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

Communication

Wireless protocol ZigBee Home Automation
ZigBee router

Certifications

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