



## 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:

- Remote load switch
- Phase dropout alarm
- Precision meter (Class 2)
- 16A continuous load
- Zigbee 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 in standard DIN rail system**
- **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

Model number: SMRZB-332

### General

Dimensions (W x H x D)	90 x 65 x 17,5 mm,
Weight	57 g (with packaging: 94.8 g)
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 +/- 1% 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
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### Certifications

Conforming to CE, RED, Low Voltage and RoHS directives  
Zigbee Home Automation 1.2 certified