



Qoltec Wi-fi DIN rail relay with electricity meter 63A | Timer | Tuya | Wi-Fi | LED

Product code: 50990

Wi-Fi smart relay designed for single-phase applications. The device combines the functions of measuring electricity consumption and remote control via a mobile app. With advanced features, it provides safety and energy efficiency, allowing full control over connected devices. Designed to be mounted on a DIN rail.

SMART SOLUTIONS FOR SMART HOMES



Intelligent energy management - full automation, remote control, real savings

Choose our WiFi relay to increase the energy efficiency and convenience of energy management in your home. This innovative device not only enables remote control of various devices via a mobile app, but also allows precise monitoring of energy consumption. Users can schedule the operation of selected equipment, which allows automatic switching on and off at specific times of the day, without the need for physical access.

GET FULL CONTROL OVER YOUR DEVICES AND SAVE ENERGY WITH INNOVATIVE APP FEATURES



Real-time electricity consumption meter with control and analysis via smartphone app

Key features of the WiFi relay:

- Timer and cyclic on/off function,
- Wide operating voltage range - from 80V to 400V (single-phase installations),
- Energy consumption measurement - accuracy 2%, range 0-9999 kWh,
- Remote operation and configuration from the mobile app,
- Residual current protection: current leakage detection (50mA),
- Automatic disconnection of devices – The ability to set voltage and current thresholds, after which the device automatically shuts down.

MANAGE YOUR DEVICES FROM YOUR PHONE



The Tuya app - a key element of WiFi relay operation

Thanks to the application Tuya users can at any time monitor current energy consumption and control electrical appliances, regardless of where they are. Thanks to integration with mobile applications you can easily customize your settings and remotely control all connected devices. This is a helpful solution for people who travel regularly or spend a lot of time away from home.

FULL CONTROL OF ENERGY WHEREVER YOU ARE !



Monitor and save energy in real time - accurate measurements, simple operation, 1A-63A regulation, automatic switching on and off according to a schedule

The unit has a number of advanced features that allow full automation of equipment operation, saving energy and time :

- **Accurate data available at a glance** – check the current energy consumption of each device directly in the app.
- **Adjustable from 1A to 63A** : It is ideal for both small appliances such as LED lamps and fans, and equipment with high power consumption such as electric heaters, air conditioners and industrial machinery.
- **Automation of equipment operation** : Remotely set schedules for equipment operation - automatically turn on and off at specific times and days without the need for manual operation.
- **Manual control function** : The relay also has a button on the housing to quickly turn devices on and off.
- **LED indicator** - You can choose to signal the status of the relay (on/off), activate the backlight when the relay is off, making it easier to locate the relay, or choose to have the LED always off or always on.

RELIABLE PROTECTION FOR YOUR EQUIPMENT IN ANY SITUATION



Security system used in the relay

- **Low voltage protection** : If the voltage drops below a safe level, the relay automatically disconnects the power supply, protecting equipment from damage, adjustment range 50V-190V (default cutoff at 170V),
- **Overload protection** Prevents overheating and short circuits, default cutoff at 63A,
- **Protection against high voltage** activates when there is a voltage spike above an acceptable level, automatically shutting down the equipment to avoid failure. Range 250V-300V (default cutoff at 270V),
- **Current leakage protection** – Automatic disconnection when set thresholds are exceeded.

CONFIDENCE CONFIRMED BY A WARRANTY

Product with 24 months guarantee

Do you care about the high quality of the product you are buying? Our solutions will meet your expectations. Product covered by **24 month guarantee** from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Precision	2%
Rated voltage	80-400V
Rated current	1A-63A
Frequency	50 - 60 Hz
Display	LED
Signalization	LED diode
Mounting method	DIN TH35
Usage	Monitoring of energy consumption Remote control of lights, heaters, boilers and other electrical appliances Protection of electronics and household appliances against surges
Additional information	Compatible with mobile app (support 2.4GHz Wi-Fi only) Recommended installation by a qualified electrician The device is designed for indoor use Do not expose it to direct moisture and extreme temperatures
OTHER PARAMETERS	
Colour	White
Operating temperature	-30°C ~ +70°C
Dimensions (D/L x W x H)	65 x 36 x 85 mm
Package	Box
Package contents	1 x Wi-fi relay 1 x User manual
Package depth / length [mm]	40
Package width [mm]	92
Package height [mm]	75
Net weight [kg]	0.159
Gross weight [kg]	0.177
Certificate	CE
Warranty	24 month
EAN code	5901878509907