

Item no.: 388097

## ALRLSHELLY3EM - 3EM

from **124,88 EUR**

Item no.: 388097  
shipping weight: 0.50 kg  
Manufacturer: Shelly



### Product Description

Shelly 3EM Product information "Shelly 3EM" Monitor the consumption of any household appliances, power circuits and office equipment (lighting, power lines, security systems, heating and cooling, etc.): individually three independent measuring channels up to 120 amps each one contactor control (or load up to 10 amps) 365 days internal memory in case WLAN is not available voltage control): Individually three independent measuring channels up to 120 amps each One contactor control (or load up to 10 amps) 365 days internal memory in case Wi-Fi is not available Voltage measurement and configurable alarm messages Includes 3x current transformers 120 amps Intelligent 3-phase current meter and contactor control Many appliances, homes and buildings consume more energy than they need, leading to energy waste and higher costs. Shelly 3EM is a smart electricity meter that helps monitor electricity consumption in real time and notifies you if the power consumption of an appliance or installation exceeds a pre-set threshold. It also enables contactor control. Intelligent current measurement helps you to identify and avoid redundant energy consumption. Functionalities: - WLAN-powered: Connect Shelly EM to your WLAN network. No HUB required! - Current monitoring: Shelly EM monitors single-phase electrical systems with up to 3 points simultaneously. - Contactor monitoring: Shelly EM has an integrated 10A relay output for contactor control. - 365 days data storage : Shelly EM measurements are stored for 365 days in a free cloud. - Custom schedules: Set custom schedules based on a daily agenda or working hours. - Full compatibility- Shelly devices are compatible with Alexa, Google Home, Android and iOS. Together with the voice assistant, you can control Shelly devices with your voice! Shelly Smart Control Shelly Smart Control is here! An app to control your rooms, your energy consumption and your expenses. Customise your dashboards, get detailed consumption reports and keep track of your electricity bills. Endless applications: 2-WAY ENERGY CONSUMPTION MONITORING Monitor your home, office or factory floor and avoid additional costs or voltage drops that can damage your appliances and equipment. Shelly 3EM can calculate 2-way consumption: energy produced and consumed for each of the three phases. The device can be configured to measure three separate circuits of a single-phase electrical system and control a contactor. View the quality of your power grid in terms of active power, reactive power, voltage and power factor. INTELLIGENT AND EFFICIENT CAR CHARGERS Shelly 3EM is designed to monitor one, two or three phases and allows you to monitor the status and history as well as the current and past power consumption of each individual channel for the day, week, month or year. Shelly 3EM exports all data in CSV format at 10-minute intervals, making it easy to analyse data and reduce costs. This way you can monitor the exact energy consumption of your electric car and calculate its share of your electricity bill. MONITORING AND CONTROLLING SOLAR PANELS Track how much energy your solar panels and wind turbines are generating and save effortlessly. Shelly EM provides real-time information on the efficiency of the solar and wind energy system as well as historical data on how much energy has been generated and consumed. This helps you to control the energy flow and get the most out of your solar panels and wind turbines. To go one step further, connect a contactor to Shelly 3EM so you can automatically switch off appliances in your home that you don't necessarily need to save energy. PREVENTIVE MANAGEMENT When an electrical appliance is damaged, it doesn't just stop working. It usually increases its energy consumption to compensate for its operating capacity. Since there is no visible difference in performance, it can take months before you realise there is a problem, leading to inefficiency and wasted energy. Shelly 3EM Power Monitoring immediately detects the increase in energy consumption and notifies you, saving you additional costs for repairs or replacement of appliances. Features: - Intelligent 3-phase energy meter with contactor control WLAN- Power supply AC: 110-230V ±10%, 50/60Hz- Power supply DC: No- Neutral conductor required: Yes- Measuring inputs: 4 transformer inputs- Contactor control: Yes - max. 10A- Shutter operation: No- Device temperature protection: No- Overload protection: No- Power measurement: Yes- Ambient temperature: 0°C to + 40 °C- Self-consumption of the device: < 1 W- Intelligent on/off: Yes- Local and remote control: Yes- Sunrise/sunset: Yes- Weekly schedule: Yes- UL listed option: No- WLAN: Yes- WLAN protocol: 802.11 b/g/n- WLAN radio frequency: 2412 - 2484 MHz- WLAN radio signal power: 1mW- WLAN range: Up to 50 m outdoors and up to 30 m indoors (depending on building materials)- Included in box: 3x current transformers 120A

### Specifications

Scan this QR code to  
view the product  
All details, up-to-date  
prices and availability

