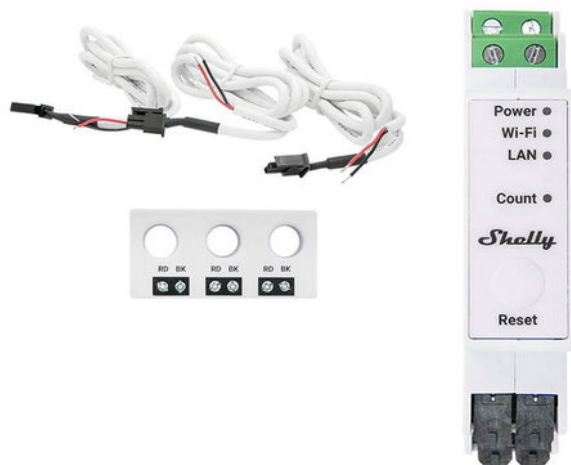




Shelly Pro 3EM-3CT63 WIFI 1/3-way power consumption meter



Model: Pro3EM3CT63

Manufacturer: SHELLY

EAN: 3800235268193

Product Code: 515572

R3,861

Shelly Pro 3EM-3CT63 WIFI 1/3-way power consumption meter

In modern homes and businesses, effective energy management is not only about saving money, but also about convenience and greater environmental awareness. The Shelly Pro 3EM-3CT63 is a professional electricity meter that provides accurate real-time power consumption data. With LAN, Wi-Fi and Bluetooth support, it can work independently in a local network or work with home automation systems. It's a versatile solution for businesses and private users who want to monitor and optimize energy consumption. Download the Shelly Smart Control app and take control!

Precise measurement and data storage

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Shelly Pro 3EM-3CT63 allows you to measure voltage, current, active and apparent power for each phase separately. With 4-quadrant measurement, the meter works well in both standard installations and renewable energy systems. The data record is stored in the device's memory for 60 days, and a built-in real-time clock ensures accurate event marking, even in the event of an Internet outage.

Easy installation and operation

The device is designed for DIN-rail mounting and supports both single-phase and three-phase installations. Measurement is carried out using special current transformers, which allows for non-contact reading of energy consumption. With the ability to work with the Shelly Pro Add-on Module (not included), you can control external contactors for automatic load management.

Home and business applications

Shelly Pro 3EM-3CT63 is an excellent solution for both homeowners and businesses. In home applications, it can be used to monitor the energy consumption of electric vehicle chargers, photovoltaic systems or the entire household. In business, it will prove useful for managing power consumption in commercial buildings, manufacturing plants and data centers, helping to optimize energy costs.

Advanced integration and automation

With support for KNX, Modbus, MQTT and WebSocket standards, the Shelly Pro 3EM-3CT63 can be easily integrated into building management and smart home systems. The ability to export data in CSV and JSON formats makes it easy to analyze energy consumption, and script support allows for customized automation tailored to individual users' needs.

Free Shelly Smart Control app

Shelly Smart Control is a free app that allows you to fully manage Shelly devices, monitor energy consumption and control costs in real time. With a clear interface, you can track the performance of individual devices, create automations and receive notifications of energy anomalies. The app works on smartphones and computers, and access to Shelly Cloud allows you to remotely control your installation from anywhere.

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Included

- Shelly Pro 3EM-3CT63 energy meter
- Shelly 3-phase current transformer 3CT63
- User manual

Manufacturer	Shelly
Manufacturer code	Pro3EM3CT63
Dimensions	Shelly Pro 3EM-3CT63: 94 × 19 × 69 mm; Shelly 3CT63: 14 × 54 × 26 mm.
Weight	Shelly Pro 3EM-3CT63: 62 g; Shelly 3CT63: 32 g
Mounting	Shelly Pro 3EM-3CT63: DIN rail; Shelly 3CT63: mounting on phase wires
Housing material	Plastic
Housing color	White
Operating temperature	-20°C to 40°C
Humidity	30% - 70% RH
Maximum working altitude	2000 m
Power supply	100-260 V AC, 50/60 Hz
Power consumption	3 W
External protection	Circuit breaker characteristics: B or C, Maximum rated current: 16 A, Minimum breaking capacity: 6 kA, Energy limitation class: 3
AC voltage	100 - 260 V (accuracy ±1%)
AC current	0 - 63 A (accuracy ±1% for 2 - 63 A, ±2% for 1 - 2 A, ±5% for 0 - 1 A)
Compatible current transformers	3CT63
Power measurement	Active and apparent
Energy measurement	Active, apparent, power factor

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Minimum load for channel calibration	500 W
No-load threshold	30 VA per channel
Data storage	60 days at 1-minute resolution
Data export	CSV for PQ values, JSON via RPC
Wi-Fi	802.11 b/g/n (2.4 GHz), RF power 20 dBm
Range	Up to 30 m indoors, up to 50 m outdoors
Bluetooth	4.2, RF power 4 dBm
Range	Up to 10 m indoors, up to 30 m outdoors
Communication protocol	KNX, Modbus, MQTT, HTTP, WebSocket
Microcontroller	CPU: ESP32-D0WDQ6; Flash memory: 16 MB
Software features	Webhook support (20 with 5 URLs per action); Scripting (mjS) capability; TLS encryption for incoming calls

Category: Switches , GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf,

Gross weight: 180, Net weight: 135, Box length: 11,00, Box width: 8,00, Box height: 4,50,

Information about data generation: <https://dataact.innpro.pl/shelly/3800235268193>, GARAN:

<https://garan.innpro.pl/shelly/3800235268193>

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