



Qoltec Single-phase electronic energy consumption meter for DIN rail | RESET | periodic and continuous meter | 230V | 60A | LCD | LED | 2P

Product code: 50979

Electronic single-phase energy meter designed to measure energy consumption in 230V installations. It supports currents up to 60A, equipped with a clear LCD display and an LED indicator. The 2P design allows for quick installation on a DIN rail, making the meter ideal for domestic installations and as a sub-meter. In addition, the meter has two independent counting modes:

- periodic meter with RESET function for measurements from a selected time interval (e.g. daily)
- total meter – permanent, without the possibility of resetting, summing up the total energy consumption.

INVESTMENT IN ENERGY SAVING AND CONSUMPTION CONTROL



Powered by 230V AC, for DIN35 rail mounting

The electronic electricity consumption meter allows you to monitor the level of electricity consumption by single-phase receivers powered by 230V alternating current with a frequency of 50Hz. The device has an LED indicator that signals energy consumption; the diode flashes at a frequency that depends on the energy consumed, with a constant pulse rate of 400imp/kWh.

The LCD display shows the amount of energy consumed, calculated on the basis of the number of pulses. The meter is designed for installation in switchboards on a DIN TH35 rail. An additional advantage of the product is its very easy operation and small size, which will certainly facilitate the installation of the device.

CONVENIENT AND PRECISE MONITORING



Accuracy class 1.0, single-phase, unidirectional, maximum current 60A

The Qoltec electricity consumption meter is a precise tool for monitoring energy consumption. The LCD display provides clear and accurate data on energy consumption, allowing for effective energy management and identification of potential savings. The meter can be used in both domestic and industrial installations.

Product features:

- Single-phase,
- Unidirectional,
- Standard installation of the device in a switchboard on a 35 mm DIN rail,
- Dual energy meter – resettable and permanent,
- Energy consumption measurement displayed in kWh,
- Features an LCD display for monitoring measurements,
- Compliant with IEC 62053-21 and DIN EN50022 standards,
- Base current is 5A, maximum current 60A,
- Accuracy class 1.0.

DUAL ENERGY MEASUREMENT SYSTEM



Periodic and total counting in one device

The energy meter enables energy consumption measurement over a selected period of time thanks to the RESET function not only allows you to measure consumption, but also to reset the readings at any time and start a new count from 0. This allows you to easily check how much energy you consume in a specific period of time — e.g. in one day, one week, during device operation or during installation tests. It facilitates cost control, consumption analysis and comparison of device operation (e.g. heaters, boilers, pumps, air conditioning). The ideal solution when you want to calculate your energy consumption "for today" — e.g. you reset the meter in the morning and in the evening you see the actual result for one day.

At the same time, the device has a permanent total counter that cannot be reset and records total energy consumption on an ongoing basis. This gives you access to both periodic data (after reset) and the full, cumulative consumption value.

CONTINUOUS MONITORING OF VOLTAGE AND POWER OF DEVICES



Advanced meter with power and voltage measurement

The energy meter enables comprehensive control of electrical installation parameters. The device measures not only energy consumption (kWh) but also current voltage (V) and instantaneous power (W), allowing you to check the load and operating status of connected devices in real time.

- Mains voltage (V) – allows you to monitor the stability of the power supply on an ongoing basis and detect any deviations.

- Instantaneous power (W) – shows the current load on the installation in real time, which facilitates the analysis of the operation of connected devices.

TRUST BACKED BY A GUARANTEE

The product is covered by a 24-month warranty.

Do you care about the high quality of the product you buy? Our solutions will meet your expectations. The product is covered by a 24-month warranty from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Type	Single phase
Precision	Class 1.0
Rated voltage	230V
Rated current	5(60)A
Inrush current	0.4% b
Frequency	50Hz
Number of poles	2P
Display	LCD 5+1
Signalization	LED diode
Mounting method	DIN TH35
Usage	Residential and multi-family buildings Service and commercial premises Electricity sub-meters Electrical switchboards and control cabinets
Additional information	Measurement of active energy consumption by single-phase receivers Pulse rate: 400 pulses/kWh Compliant with DIN EN5002 standard
OTHER PARAMETERS	
Colour	Grey
Dimensions (D/L x W x H)	66 x 36 x 80 mm
Package	Box
Package contents	1 x Energy meter 1 x User manual 1 x Warranty card
Package depth / length [mm]	40
Package width [mm]	85
Package height [mm]	70
Net weight [kg]	0.113
Gross weight [kg]	0.128
Certificate	CE
Warranty	24 month
EAN code	5901878509792