



Qoltec Three-phase electronic meter | energy consumption meter for DIN rail | 400V | 100A | LCD | LED | 7P

Product code: 50978

Three-phase electricity meter designed for 4-wire installations (L1, L2, L3 + N) with a voltage of 3 230/400V and a frequency of 50 Hz. The device has a 7P design, resulting from separate inputs and outputs for each phase and the neutral wire. It supports a current of 30(100)A, enables precise measurement of energy consumption and works well as a main meter or sub-meter. Designed for DIN rail mounting, ideal for switchboards in domestic, commercial and industrial installations.

INVESTMENT IN ENERGY SAVING AND CONSUMPTION CONTROL



Powered by 230V/400V AC, for DIN35 rail mounting

The electronic electricity consumption meter **allows you to monitor the level of electricity consumption by three-phase receivers powered by 230V/400V 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 400 pulses/kWh. **The LCD display** shows the value of the energy consumption 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, three-phase, single-directional, maximum current 100A

The Qoltec electricity consumption meter is not only a precise tool for monitoring energy consumption, but also a compact and easy-to-use device. Thanks to its small size, installation is extremely simple and quick, making it ideal for both domestic and larger industrial applications. 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:

- **Three-phase**, four-wire,
- **Unidirectional**,
- **Standard installation of the device in a switchboard on a 35 mm DIN rail**,
- Energy consumption measurement displayed in kWh,
- Features a **6+1 LCD display** for monitoring measurements,
- Compliant with **IEC 62053-21** and **DIN EN50022** standards,
- Base current is **10A**, maximum current **100A**,
- **Accuracy class 1.0**.

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	Three phase
Precision	Class 1.0
Rated voltage	3(100)A
Rated Power	3 x 230/400V
Inrush current	0.4%Ib
Frequency	50Hz
Display	LCD 6+1
Signalization	LED diode
Mounting method	DIN TH35
Usage	Three-phase installations 3 230/400V 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 3-phase receivers Pulse rate: 400 pulses/kWh Compliant with DIN EN5002 standard
OTHER PARAMETERS	
Colour	Grey
Dimensions (D/L x W x H)	75 x 125 x 95 mm
Package	Box
Package contents	1 x Energy meter 1 x User manual 1 x Warranty card
Package depth / length [mm]	110
Package width [mm]	135
Package height [mm]	85
Net weight [kg]	0.401
Gross weight [kg]	0.447
Certificate	CE
Warranty	24 month
EAN code	5901878509785