



Qoltec Three-phase Bidirectional Electronic Meter | DIN Rail Energy Meter | 400V | 100A | LCD | 4P

Product code: 50989

The electronic three-phase energy consumption meter for DIN 35 rail mounting is used for the ongoing control of the level of electricity consumption by three-phase consumers. The meter measures active energy in both the direction of energy consumption and energy output - ideal, for example, for photovoltaic installations. The LCD display indicates the value of consumed energy converted from the number of pulses. In-phase energy consumption is indicated by an LED measurement indicator.

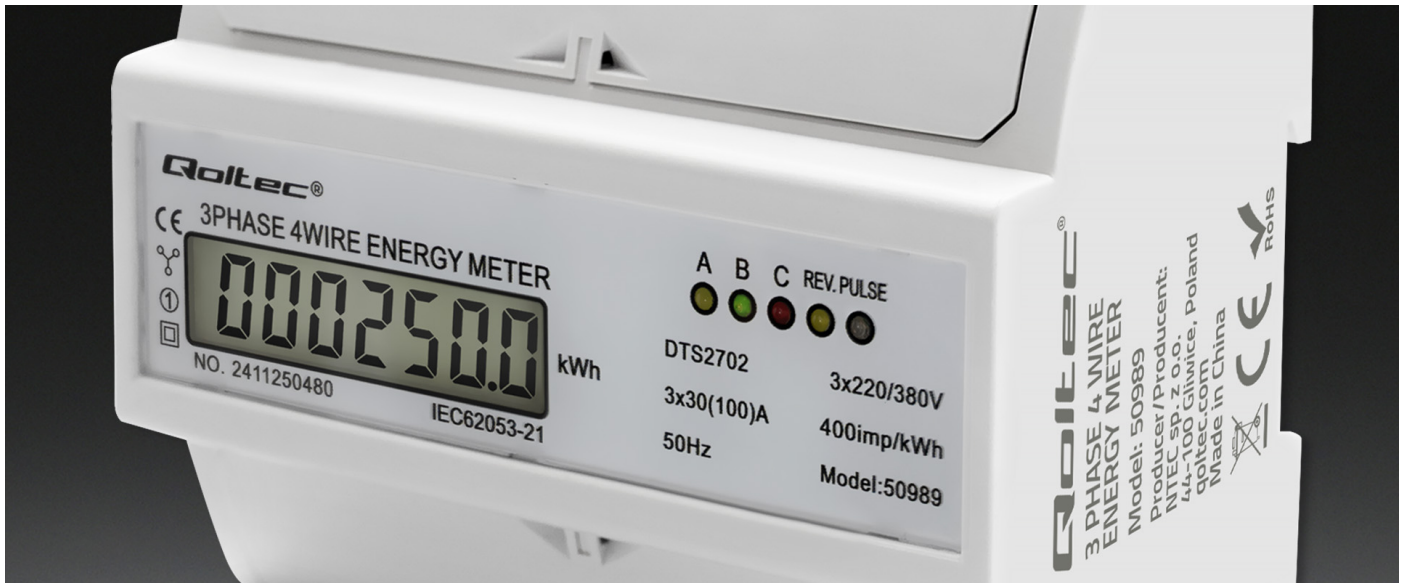
INVESTMENT IN ENERGY CONSERVATION AND CONTROL



Powered by AC 230V/400V, for DIN rail35

Electronic meter enables real-time monitoring of the level of electricity consumption by three-phase receivers supplied with 230V/400V alternating current 50Hz frequency. Operating at an inrush current of 0.4%Ib and 230V AC at 50Hz, the meter is extremely efficient and stable. The device has an LED indicator, which indicates energy consumption, the diode flashes at a frequency that depends on the energy consumed with a pulsing constant of 400imp/kWh. LCD display, indicates the value of energy consumed converted based on the number of pulses. The meter is designed for mounting in switchboards on DIN rail TH35.

SAVE ON YOUR BILLS TODAY



Accuracy class 1.0, three-phase, unidirectional, base current 30A

The Qoltec power consumption meter is not only an accurate tool for monitoring energy consumption, but also a **compact and easy to use device**. Thanks to its small size, installation is extremely easy and fast, making it ideal for both domestic and larger industrial applications. **LCD display provides clear and accurate data on energy consumed**, which allows for effective management of energy consumption and identification of potential savings. Counter **can be used** In domestic installations as well as in industrial plants.

Product Features :

- **Three-phase**, 4-wire, 4-module,
- **Unidirectional**, counts energy regardless of the direction of its flow,
- Standard mounting of the device on **35mm DIN rail**,
- Energy consumption measurement displayed in **kWh**,
- It has **6+1 LCD display**, for monitoring measurements,
- Complies with IEC 62053-21 and DIN EN50022 standards,
- **Base current is 30A**, maximum current is **100A**,
- **Accurate measurement**, Class 1.0,

REMOTE MONITORING OF ENERGY CONSUMPTION



Ideal solution for monitoring energy consumption in homes, industrial facilities and commercial premises

Qoltec Electricity Meter, Thanks to its compact size and intuitive operation, it is ideal even in limited installation spaces – such as :

- Industrial and building switchgear,
- Home installations (e.g., monitoring of household energy consumption),
- Industrial facilities – Production halls, workshops, warehouses,
- Leased premises – energy billing for tenants,
- Ideal for apartments or premises that have photovoltaic installations.

CONFIDENCE CONFIRMED BY A WARRANTY

Product comes with a 24-month warranty

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

TECHNICAL DATA

Producer	Qoltec
Type	Three phase
Precision	Class 1.0
Rated voltage	3 x 220/380V
Rated current	3 x 30(100)A
Inrush current	0.4%Ib
Insulation capacity	AC voltage of 4kV for 1 minute, 1.2/50us pulse voltage waveform of 6kV
Frequency	50 Hz
Number of poles	4P
Display	LCD 6+1
Signalization	LED diode
Mounting method	DIN TH35
Additional information	Measurement of active energy consumption by 3-phase consumers Compliant with DIN EN5002
OTHER PARAMETERS	
Colour	White
Operating temperature	-20°C ~ +55°C
Dimensions (D/L x W x H)	65 x 122 x 100 mm
Package	Box
Package contents	1 x Energy meter 1 x User manual
Package depth / length [mm]	100
Package width [mm]	135
Package height [mm]	85
Net weight [kg]	0.384
Gross weight [kg]	0.426
Certificate	CE
Warranty	24 month
EAN code	5901878509891