CEM-C6

CEM-C6, Single-phase energy meter, direct connection

Code: Q26112.   DESCATALOGADO

> Protocol: Modbus/RTU
> Módules: 1
> Certification: IEC
> Communications: RS-485
> System: Single-phase
> Measure: Direct
> Measurement Range (V): 1 x 230
> Measurement Range (A): 10 (100) A
> Quadrants: 4

Description

CEM-C6 is a single-phase electrical energy meter that can measure up to 100 A, is capable of measuring energy in two directions and has Class 1 accuracy. In addition, the meter features a built-in RS-485 / Modbus RTU communication system.

Other features:

○ Complies with the **IEC 62052-11** and **IEC 62053-21** standards (general and specific requirements of measuring units)
○ Compact dimensions (1 DIN rail module, 18 mm)
○ Backlit LCD display (6 digits) with a scrolling screen system used to display the electrical parameters (V, A, kW, kvar, kVA, kWh and cos φ).

Application

○ Measurement of the consumption of electricity in buildings, machinery or the tertiary sector.
○ Control of consumption with a multi-tariff function, to measure the consumption of each period
○ Energy consumption is reported to a remote system.

CEM-C6

Single-phase electrical energy meter, for assembly on DIN Rail

Code: Q26112.

Specifications

AC power supply

Nominal voltage	230 V ~

Mechanical characteristics

Size (mm) width x height x depth	18 x 90 x 72 (mm)
Envelope	ABS, PC alloy material
Weight (kg)	0,1

Environmental characteristics

Protection class	IP 51
Relative humidity (without condensation)	95 %
Working temperature	-20 ... +65 °C

Current measurement circuit

Nominal current (In)	10 A
Maximum current	100 A

Voltage measurement circuit

Nominal frequency	50 / 60 Hz.
Maximum input voltage consumption	≤ 8 VA , ≤ 0,4 Wh

User interface

LED	1000 imp / kWh (amplitude: 90 ms)
Keyboard	1 Keys
Display type	LCD
Maximum value	99999,9 kWh

Measurement accuracy

Active energy measurement (kWh)	Class 1 (IEC 62053-21)

Serial communication

Protocol	Modbus RTU
Technology / Type	RS-485

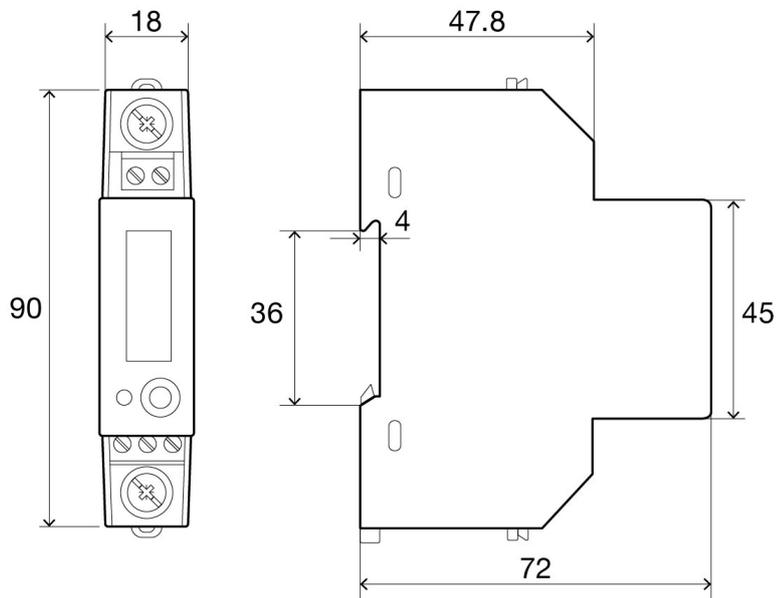Frecuency: 50/60 Hz. Parameters: V, A, kW, kVA, kWh, cos phi

Circutor

CEM-C6

Single-phase electrical energy meter, for assembly on DIN Rail

Code: Q26112.

Dimensions

18

47.8

90

36

4

45

72

Connections

N   L

25   24   23

A+
G
B-

CARGA / LOAD