



CEM-C6-110

CEM-C6-110, single-phase energy meter, direct connection

Code: Q261120010000 DESCATALOGADO

- > Protocol: Modbus/RTU
- > Módulos: 1
- > Certification: IEC
- > Communications: RS-485
- > System: Single-phase
- > Measure: Direct
- > Measurement Range (V): 1 x 110
- > 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 $\cos \varphi$).

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-C6-110

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

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Specifications

AC power supply

Nominal voltage	110 V ~
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Mechanical characteristics

Size (mm) width x height x depth	18 x 90 x 72 (mm)
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Weight (kg)	0,1
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Environmental characteristics

Relative humidity (without condensation)	95 %
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Current measurement circuit

Nominal current (In)	10 A
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Maximum current	100 A
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Voltage measurement circuit

Nominal frequency	50 / 60 Hz.
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Maximum input voltage consumption	$\leq 8 \text{ VA}$, $\leq 0,4 \text{ Wh}$
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User interface

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

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

Protocol	Modbus RTU
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Technology / Type	RS-485
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Frequency: 50/60 Hz. Parameters: V, A, kW, kVA, kWh, cos phi



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Dimensions

