



CEM-C12

CEM-C12, Single-phase energy meter, direct connection

Code: Q27111. 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-C12 is a single-phase, direct-connection electricity meter rated at up to 100 A. It measures electricity bidirectionally and features Class-1 accuracy. It also has RS-485/Modbus-RTU communications built into the same device.

Main features include:

- o Small size (1 DIN rail module, 18 mm)
- o Backlit LCD screen (6 digits) with rotating display system
- Electrical parameter readings

Application

To measure electricity consumption in buildings, machinery or the tertiary sector. Control of partial consumption

To report electricity consumption to a remote system.







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

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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
Fastening	Attached to a DIN rail (IEC 60715)
Weight (kg)	0,1
Environmental characteristics	
Protection class	IP 51 (Indoor meter)
Relative humidity (without condensation)	95 %
Working temperature	-20 +65 °C
Current measurement circuit	
Maximum current	100 A
Voltage measurement circuit	
Nominal frequency	50/60 Hz.
Maximum input voltage consumption	≤ 10 VA , ≤ 0,4 Wh
User interface	
LED	1000 imp / kWh
Keyboard	1 Keys
Display type	LCD
Maximum value	99999,9 kWh
Standards	
Standards	IEC 62053-21, IEC 62052-11, EN 50470-1, EN 50470-3
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







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Dimensions Connections



