



## CEM-C5

CEM-C5, single-phase energy meter, direct connection

Code: Q25112.

- > Módulos: 1
- > Certification: IEC
- > Transistor output: 1
- > System: Single-phase
- > Measure: Direct
- > Measurement Range (V): 1 x 230
- > Measurement Range (A): 5 (50) A
- > Display: LCD

### Description

**CEM-C5** is a single-phase active energy meter (kWh) that can measure up to 50 A. The unit can measure energy in one direction (Absolute Measurement) with **Class 1** accuracy. It also features an integrated digital output for generating impulses depending on the energy measured.

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 (7 digits)
- Sealable (anti-fraud).

### Application

- Measurement of the consumption of electricity in buildings, machinery or the tertiary sector.
- Energy consumption is reported to a remote system.



# CEM-C5

Single-phase active energy meter for assembly on DIN Rail

Code: Q25112.

## Specifications

### AC power supply

Nominal voltage	230 V ~
-----------------	---------

### Mechanical characteristics

Size (mm) width x height x depth	18 x 120 x 63 (mm)
Weight (kg)	0,075

### Environmental characteristics

Relative humidity (without condensation)	95 %
--	------

### Current measurement circuit

Nominal current (In)	0.25 ... 5 A
Maximum current	50 A

### Voltage measurement circuit

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

### User interface

LED	1000 imp / kWh
Display type	LCD
Maximum value	99999,9 kWh

### Standards

Standards	EN 50470-1, EN 50470-3
-----------	------------------------

### Digital transistor outputs

Pulse width	90 ms
Quantity	1
Maximum current	50 mA
Maximum voltage	60 Vcc

CEM-C5  
Direct Single-phase active energy meter

CODE	TYPE	Measurement Range (V)	Measurement Range (A)	Communications	Protocol	Transistor output	Digital inputs	Tariff	Certification
Q25112.	CEM-C5	1 x 230	5 (50) A	-	-	1	-	-	IEC



## CEM-C5

Single-phase active energy meter for assembly on DIN Rail

Code: Q25112.

Frequency: 50/60 Hz. Parameters: kWh



## CEM-C5

Single-phase active energy meter for assembly on DIN Rail

Code: Q25112.

## Dimensions



## Connections

