



## CEM-C5

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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

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**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

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- 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  $\leq 8 \text{ VA}$  ,  $\leq 0,4 \text{ Wh}$

#### 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



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Single-phase active energy meter for assembly on DIN Rail

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Frequency: 50/60 Hz. Parameters: kWh

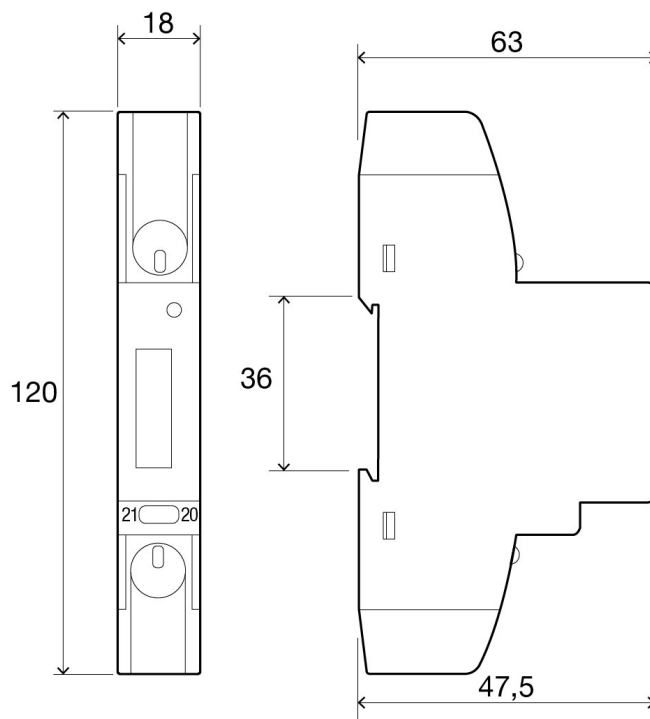


## CEM-C5

Single-phase active energy meter for assembly on DIN Rail

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### Dimensions



### Connections

