



## CEM-C5

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

Code: Q25112. DESCATALOGADO

- > 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

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### 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 |

Frequency: 50/60 Hz. Parameters: kWh

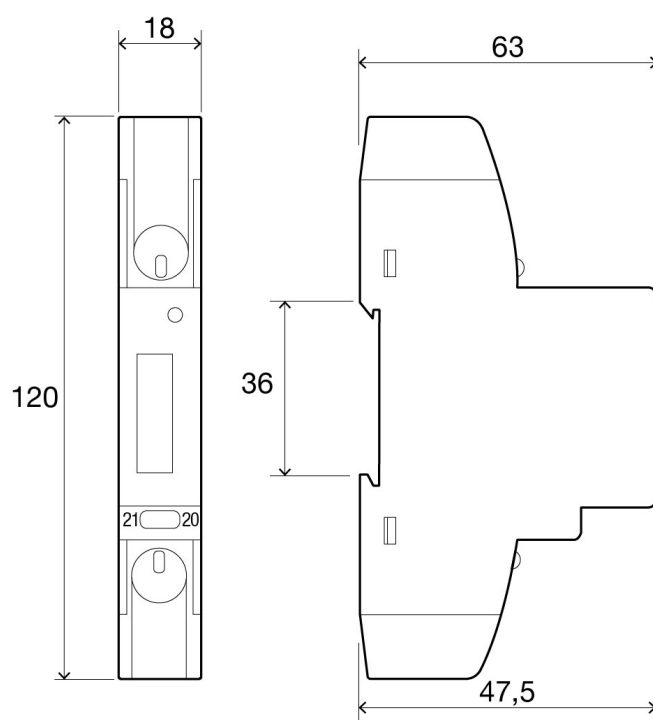


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### Dimensions



### Connections

