



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

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

Code: Q25112.

Frequency: 50/60 Hz. Parameters: kWh

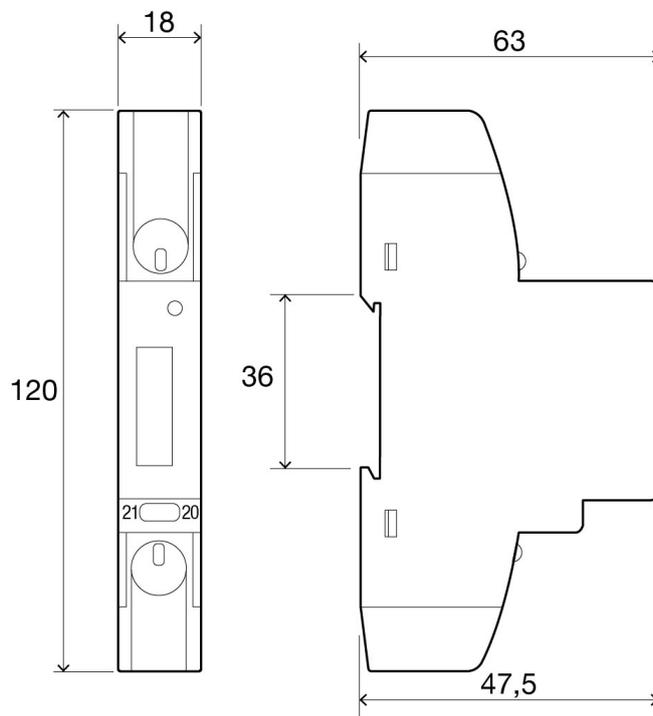


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Single-phase active energy meter for assembly on DIN Rail

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Dimensions



Connections

