



CVM-C5-mV-485-I

CVM-C5-mV-485-I

Code: M558950000V00 DESCATALOGADO

- > Power analyzer
- > Protocol: Modbus/RTU
- > Communications: RS-485
- > Transistor output: 0
- > Digital inputs: 1
- > Measuring current Channels: 3
- > Input current: .../333 mV
- > Mounting: Panel

Description

The **CVM-C5** is a panel mounted (96 x 96 mm) multimeter that records energy values. Compact and intuitive, with 4-quadrant measurement (Consumption and Generation). The **CVM-C5** is suitable for Low Voltage installations, in both 3 and 4-wire three-phase circuits, two-phase circuits with or without neutral, single-phase circuits or ARON connections.

Display features and interface:

- Quick display of parameters with a single button
- Clearly displays the electric parameters of the installation
- Displays the electricity consumption value according to the cost per kWh
- kgCO₂ consumption/generation indicator or according to the energy source
- Backlit LCD screen
- Operating hour indicator for preventive maintenance.

Other features:

- Modbus/RS-485 communications (optional)
- Measurement with **CIRCUTOR's MC** efficient current transformers or .../5 A, .../1 A or .../333 mV transformers.
- 1 digital output (SO interface)
- 1 digital input (tariff or energy source selection)
- Maximum, minimum values and maximum demand.

Application

- Recording and displaying the consumption of energy from two different sources (network/generator set).
- Generation of an impulse signal associated with the cost, kgCO₂ emissions or savings, according to the consumption or generation of energy.
- Generation of alarms with a transistor output; configurable parameters: Low/High, hysteresis (%), NO/NC, connection/disconnection delay and interlocking.



CVM-C5-mV-485-I

Multifunctional multimeter for panel

Code: M558950000V00

Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	3.5 ... 6 VA

DC power supply

Installation category	CAT III 300 V
Consumption	2 ... 6 W
Nominal voltage	105 ... 272 Vdc ± 10%

Environmental characteristics

Protection class	IP 51 (Front), IP 20 (rear)
Working temperature	-5...+45 °C

Mechanical characteristics

Envelope	Self-extinguishing VO plastic
----------	-------------------------------

Standards

Certifications	UL/CSA 61010-1 3rd edition
Standards	IEC 61010, UNE EN 61000-6-2, UNE EN 61000-6-4

Voltage measurement circuit

Nominal voltage	300V Ph-N, 520V Ph-Ph
-----------------	-----------------------

User interface

Visible display area size	60X54 mm
---------------------------	----------

Digital inputs

Input/output insulation	Optoisolated
Type	Potential-free contact

Measurement accuracy

Phase voltage measurement	1%
---------------------------	----

Serial communication

Protocol	ModBus RTU
Technology / Type	RS-485

4-quadrant measuring unit. Can be used to program the voltage transformer ratio



CVM-C5-mV-485-I

Multifunctional multimeter for panel

Code: M558950000V00

Dimensions

