

CVM-C5-IC, Power analyzer

Code: M55853. DESCATALOGADO

- > Transistor output: 1
- > Digital inputs: 1
- > Measuring current Channels: 3
- > Input current: .../5 A | .../1 A
- > Mounting: Pannel
- > Modules: 96 x 96

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
- $\circ~$ Displays the electricity consumption value according to the cost per kWh
- kgCO2 consumption/generation indicator or according to the energy source
- Backlit LCD screen
- $\circ~$ 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 (S0 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.

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Multifunctional multimeter for panel

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Specifications

AC power supply		
Installation category	CAT III 300 V	
Consumption	3.5 6 VA	
Frequency	50 60 Hz	
Nominal voltage	95 240 V ~ ± 10%	
DC power supply		
Installation category	CAT III 300 V	
Consumption	2 6 W	
Nominal voltage	105 272 Vdc ± 10%	
Mechanical characteristics		
Size (mm) width x height x depth	96 x 96 x 60.9 (mm)	
Envelope	Self-extinguishing VO plastic	
Fastening	Panel	
Weight (kg)	0,23	
Environmental characteristics		
Protection class	IP 51 (Front), IP 20 (rear)	
Relative humidity (without condensation)	595%	
Storage temperature	-10 +50 °C	
Working temperature	-5+45 ℃	
Standards		
Certifications	UL/CSA 61010-1 3rd edition	
Electrical safety, Maximum height (m)	2000	
Standards	IEC 61010, UNE EN 61000-6-2, UNE EN 61000-6-4,	
Current measurement circuit		
Installation category	CAT III 300 V	
Nominal current (In)	/5A ,/1 A	
Phase current measuring range	5110% In	
Maximum pulse current	100 A	
Minimum current measurement	10 mA	
Voltage measurement circuit		
Installation category	CAT III 300 V	
Frequency measuring range	45 65 Hz	
Voltage measuring range	5120% Un	

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Nominal voltage	300V Ph-N, 520V Ph-Ph
Minimum measurement voltage (Vstart)	10 V Ph-N
User interface	
Keyboard	3 keys
Display type	LCD
Visible display area size	60X54 mm
Digital inputs	
Input/output insulation	Optoisolated
Quantity	1
Туре	Potential-free contact
Digital transistor outputs	
Pulse width	100 ms
Quantity	1
Туре	NPN
Pulse output, time period (Ton / Toff)	100 ms/100 ms
Maximum frequency	5 imp / s
Maximum current	50 mA
Maximum voltage	24 Vdc
Measurement accuracy	
Phase voltage measurement	0,50%

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

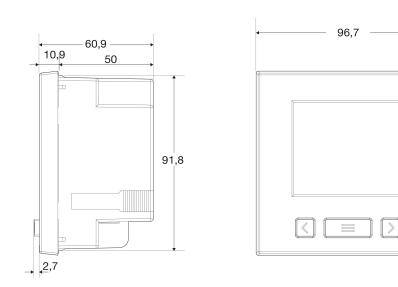
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Dimensions



96,7