



CVM-C5-ITF-485-C

CVM-C5-ITF-485-C, Power analyzer

Code: M55884.

- > Protocol: Modbus/RTU
- > Communications: RS-485
- > Transistor output: 1
- > Measuring current Channels: 3
- > Input current: .../5 A | .../1 A
- > Mounting: Pannel
- > Modules: 96 x 96

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 V0 plastic
Fastening	Panel
Weight (kg)	0,237

Environmental characteristics

Protection class	IP 51 (Front), IP 20 (rear)
Relative humidity (without condensation)	5...95%
Storage temperature	-10... +50 °C
Working temperature	-5...+45 °C

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	5...110% In



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Multifunctional multimeter for panel

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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	5 ...120% Un
Nominal voltage	300V Ph-N, 520V Ph-Ph
Minimum measurement voltage (Vstart)	10 V Ph-N

Communications

Fieldbus	RS-485
Protocol	ModBus RTU
Speed	1200-2400-4800-9600-19200

User interface

Keyboard	3 keys
Display type	LCD
Visible display area size	60X54 mm

Digital transistor outputs

Pulse width	100 ms
Quantity	1
Type	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%
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Dimensions

