



CVM-C10-FLEX-IN-485-I2

CVM-C10-FLEX-IN-485-I2, Power analyzer panel 96 x 96 compatible with flexible clamps

Code: M55963.

- > Protocol: Modbus/RTU | BACnet
- > Communications: RS-485
- > Digital inputs: 2
- > Measuring current Channels: 4
- > Harmonics: 31
- > Input current: Rogowski
- > Mounting: Pannel
- > Modules: 96 x 96

Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	4 ... 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)	0,268

Environmental characteristics

Protection class	IP 51 (Front), IP 64 (with accessory), IP 21 (rear)
Relative humidity (without condensation)	5 ... 95%
Storage temperature	-10... +50 °C
Working temperature	-5 ... +45 °C

Standards

Certifications	UL, VDE
Electrical safety, Maximum height (m)	2000
Standards	UNE EN 61010, UNE EN 61000-6-3, UNE EN 61000-6-1, IEC 664, VDE 0110, UL 94, BS EN 61000-6-2, BS EN 61000-6-4

Current measurement circuit

Installation category	CAT III 300 V
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Panel-mounted power analyser with flexible Rogowski sensors

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Nominal current (In)	.../100 mV c.a
Neutral current measurement	.../100 mV~
Phase current measuring range	0.2 ... 200% In
Maximum input current consumption	0,004 VA
Maximum pulse current	2 In
Minimum current measurement	0,2 mV~

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)	15 V

Communications

Fieldbus (BACnet)	MS/TP
Fieldbus (ModBus)	RS-485 / RTU
Protocol	ModBus/BACnet
Speed	9600-19200

User interface

LED	3 LED
Keyboard	3 keys
Display type	LCD Custom COG

Digital inputs

Input/output insulation	Optoisolated
Quantity	4
Type	NPN Potential-free contact

Measurement accuracy

Phase voltage measurement	0.5% ± 1 digit (Without sensors), ± 0.5% + 1 decimal (With sensors)
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CVM-C10-Flex

CODE	TYPE	Input current	Digital inputs	Communications	Protocol
M55963.	CVM-C10-FLEX-IN-485-I2	Rogowski	2	RS-485	Modbus/RTU BACnet

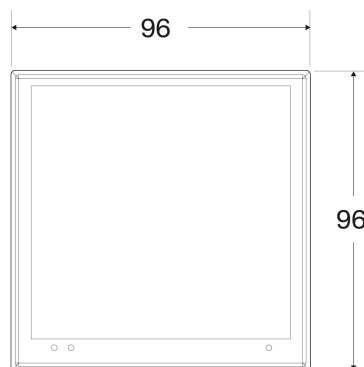
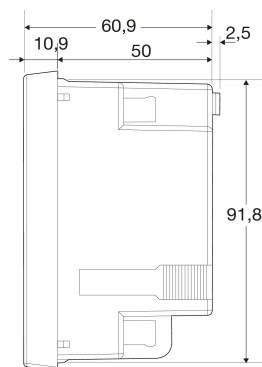


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Dimensions



Connections

