



CVM-MINI-ITF-RS485-C2

CVM-MINI-ITF-RS485-C2, Power analyzer

Code: M52021.

- > Protocol: Modbus/RTU
- > Insulated input: Yes
- > Communications: RS-485
- > Transistor output: 2
- > Input current: .../5 A | .../1 A
- > Mounting: DIN rail

Specifications

AC power supply

Consumption	3 VA
Frequency	50...60 Hz
Nominal voltage	230 Vc.a.(-15...+10%)

Mechanical characteristics

Size (mm) width x height x depth	53 x 85 x 85 (mm)
Envelope	Self-extinguishing V0 plastic
Fastening	DIN rail 46227
Weight (kg)	0,2

Environmental characteristics

Protection class	IP 51 (Front), IP 31 (unmounted)
Relative humidity (without condensation)	5...95%
Working temperature	-10...+50 °C

Standards

Certifications	CE, UL, VDE
Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300V / 520V, IEC 61010
Standards	IEC 664, VDE 0110, UL 94, IEC 801, IEC 348, IEC 571-1, EN 61000-6-3, EN 61000-6-1, EN 61010-1, EN 61000-4-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 55011

Current measurement circuit

Nominal current (In)	In/5A , In/1 A
Permanent overload	1.2 In
Maximum input current consumption	0,9 VA

Voltage measurement circuit

Frequency measuring range	45 ... 65 Hz
Nominal voltage	300V Ph-N, 520V Ph-Ph
Maximum input voltage consumption	0,7 VA



CVM-MINI-ITF-RS485-C2

Three-phase power analyzer, assembly on DIN rail

Code: M52021.

Communications

Fieldbus	RS-485
Protocol	ModBus RTU
Speed	1200-2400-4800-9600-19199

Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010-1)
------------	---

Digital transistor outputs

Pulse width	100 ms
Quantity	2
Type	NPN
Maximum frequency	5 imp / s
Maximum current	50 mA
Maximum voltage	24 Vdc

Measurement accuracy

Phase voltage measurement	0.5% ± 1 digit
---------------------------	----------------



CVM-MINI-ITF-RS485-C2

Three-phase power analyzer, assembly on DIN rail

Code: M52021.

Dimensions

