

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

Description

Three-phase power analyzer (balanced and unbalanced), assembly on DIN rail, with a very compact size, and 4-quadrant measurement.

Other features include:

- Current measurement .../5 or .../1 A or .../250 mA, .../333 mV
- DIN rail format of only 3 modules
- Assembly on 72 x 72 mm panel with adapter front panel
- RS-485 Communications (Modbus-RTU) depending on model
- $\circ~$ It features two transistor outputs (programmable)
- $\circ~$ With ITF technology: galvanic insulation protection, depending on the type
- Selection of parameters to display
- Selection of the default page
- Universal power supply (optional)
- Sealable

Application

- Control application on switchboards and low and medium voltage connection points, where an analyzer must be installed on a DIN rail due to space restrictions.
- Alarm control. Maximum value, minimum value and programmable delay.
- $\circ~$ Control of active or reactive energy using the impulse output.
- Instantaneous data capture, maximum and minimum values of the electrical parameters measured.

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Specifications

AC power supply				
Consumption	3 VA			
Frequency	5060 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 VO plastic			
Fastening	DIN rail 46227			
Weight (kg)	0,2			
Invironmental characteristics				
Protection class	IP 51 (Front), IP 31 (unmounted)			
Relative humidity (without condensation)	595%			
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			
/oltage measurement circuit				
Frequency measuring range	45 65 Hz			
Nominal voltage	300V Ph-N, 520V Ph-Ph			
Maximum input voltage consumption	0,7 VA			
Electrical safety				
Insulation	Double-insulated electric shock protection class II (IEC 61010-1)			
Digital transistor outputs				
	100 ms			



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Quantity	2	
Туре	NPN	
Maximum frequency	5 imp / s	
Maximum current	50 mA	
Maximum voltage	24 Vdc	
Measurement accuracy Phase voltage measurement	0.5% ± 1 digit	
Serial communication		
Protocol	ModBus RTU	
Technology / Type	RS-485	

CVM-MINI

Power analyzer, three-phase DIN rail

CODE	TYPE	Input current	Transistor output	Communications	Protocol
M52021.	CVM-MINI-ITF-RS485-C2	/5 A /1 A	2	RS-485	Modbus/RTU

CVM-MINI-MC units require efficient MC series transformers, which are not included in the price. CVM-MINI-xx-ETH units are only available with a 230 Vac power supply

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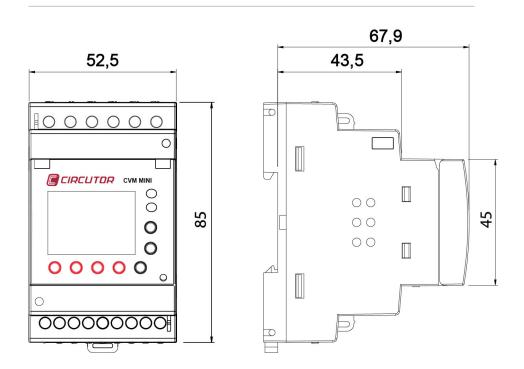


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Dimensions



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