



CVM-E3-MINI-ITF-WiEth

CVM-E3-MINI-ITF-WiEth, DIN rail three-phase power analyser

Code: M56470.

- > Protocol: Modbus/TCP
- > Communications: Ethernet | Wi-Fi
- > Harmonics: 31
- > Power supply (Vac): 90...264 Vac/Vdc
- > Input current: .../5 A | .../1 A
- > Mounting: DIN rail

Specifications

AC power supply	
Installation category	CAT III 300 V
Consumption	3,5 VA
Frequency	50...60 Hz
Nominal voltage	207...253 Vc.a.

Mechanical characteristics	
Size (mm) width x height x depth	52.5 x 118 x 74 (mm)
Envelope	Self-extinguishing V0 plastic
Fastening	DIN rail
Weight (kg)	0,275

Environmental characteristics	
Protection class	IP 30 / Front: IP 40
Relative humidity (without condensation)	5...95%
Storage temperature	-30 ... +80 °C
Working temperature	-10 ... +50 °C

Current measurement circuit	
Installation category	CAT III 300 V
Nominal current (In)	.../5 A or .../1 A
Phase current measuring range	2...120% In
Maximum input current consumption	0,9 VA
Minimum current measurement	0,2 % In

Voltage measurement circuit	
Installation category	CAT III 300 V
Input impedance	400 kΩ
Frequency measuring range	45...65 Hz
Voltage measuring range	45...65 Hz
Nominal voltage	300V Ph-N, 520V Ph-Ph
Minimum measurement voltage (Vstart)	11 V Ph-N



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Communications

Protocol	ModBus TCP/IP
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Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 61010-1, IEC 61010-2-030, IEC 61326-1, IEC 61557-12 , UL94

User interface

LED	2 LED
Keyboard	3 keys
Display type	LCD Custom COG

Measurement accuracy

Frequency measurement	0.5 %
Phase current measurement	0,5% ± 1 digit
Active power measurement (kW)	0.5 % ±2 digit
Phase voltage measurement	0.5% ± 1 digit

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CODE	TYPE	Input current	Communications	Protocol
M56470.	CVM-E3-MINI-ITF-WiEth	.../5 A .../1 A	Ethernet Wi-Fi	Modbus/TCP
M56480.	CVM-E3-MINI-MC-WiEth	.../250 mA	Ethernet Wi-Fi	Modbus/TCP
M56490.	CVM-E3-MINI-FLEX-WiEth	Rogowski	Ethernet Wi-Fi	Modbus/TCP



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Dimensions



Connections

