EV2M-4DIN

VE196200



A measuring device that simultaneously displays voltage and current on two 3-digit display sections. DIN-rail mounted (4 modules), 230 Vac power supply, 600 V / TA x/5 A AC rating.

General features

- Power connection terminals
- Parameter setting key
- Terminals for measurement connection
- Simultaneous display of voltage and current values:
  - Upper 3-digit display for voltage
  - Lower 3-digit display for current
- Selectable CT ratios from 5/5 A to 1000/5 A with 5-step increments
- Direct voltage insertion
- Current supply via external transformer x/5 A

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	4 VA
Measure	
Voltage display resolution	1 V (full scale 615 V)
Current display resolution	10 mA (full scale 6 A)
Current measurement accuracy	± 0.5 % of full scale value ± 1 digit
Voltage measurement accuracy	± 0.5 % of full scale value ± 1 digit
Voltage circuit absorption	< 2,5 VA
Current circuit absorption	< 2,5 VA
Type of insertion - current	Via external CT x/5 with internal shunt
Type of insertion - voltage	Direct
Minimum measurable current	20 mA
Minimum measurable voltage signal	10 V

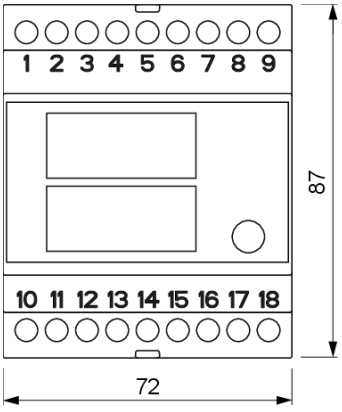
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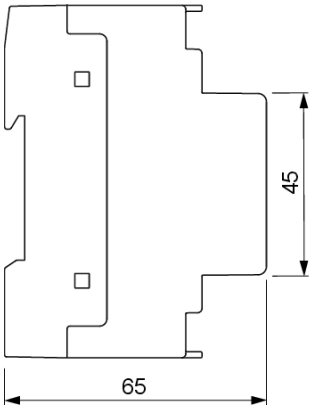
Measure	
Minimum measurable current signal	20 mA
Minimum measurable voltage	10 V
Operating conditions	
Operating temperature range	-10 ÷ 45 °C
Viewing	
Display	2 red LEDs
Digits number	3 (for each display)
Digits size	14 mm
Viewing	2 x 3-digit LED displays
Terminations	
Termination type	Terminal blocks
Maximum cable cross-section	6 mm²
Mechanical features	
Protection degree	IP20 IP51 (on the front)
Overall dimensions	
Height (A)	87 mm
Width (B)	72 mm
Depth (C)	65 mm

Dimensions

Front View

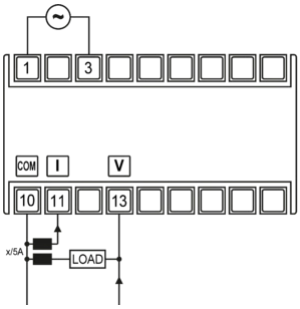


Side View

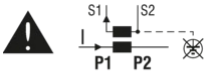


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Wiring diagram



Graphic details



Warning: the secondary circuits of current transformers MUST NOT be connected to earth.

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN 61010-1 • EN IEC 61000-6-2 • EN IEC 61000-6-3 • EN IEC 63000

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