

Multifunction AC voltmeters / ammeters

EVM-2DIN
EVM-4DIN

Series of digital instruments available in the modular version 2 and 4 DIN modules to measure AC voltage or current.



- 1 Container: 4 DIN modules
- 2 Reading: through a 14 mm 3 red digit display
- 3 Possibility of changing the ammeter capacity via the dip-switches on the front
- 4 Container: 2 DIN modules
- 5 Reading: through a 7.6 mm 3 red digit display



MULTIFUNCTION AC VOLTMETERS / AMMETERS

- Multifunction measurement instrument in AC: the same instrument can be used as Voltmeter or Ammeter depending on the type of connection
- Power supply: 115/230 V AC 50/60 Hz
- Direct connection voltmeter up to 600 V AC
- Ammeter with amperometric connection through CT x/5A
- Selectable transformation ratios (for CT x/5 A):
5 - 10 - 15 - 20 - 25 - 40 - 50 - 60 - 100 - 150 - 200 - 250 - 400 - 500 - 600 - 800 - 1000 - 1.50 KA - 2.00 KA - 2.50 KA - 4.00 KA/5A
- Minimum measurable value 3% of full scale
- Overrange indication ("HHH")



EVM-2DIN multifunction AC Voltmeters / Ammeters

Code	Model	Description	Capacity
VM260700	EVM-2DIN	Multifunction voltmeter-ammeter	600 V / x/5 A on CT

EVM-4DIN multifunction AC Voltmeters / Ammeters

Code	Model	Description	Capacity
VM259900	EVM-4DIN	Multifunction voltmeter-ammeter	600 V / x/5 A on CT

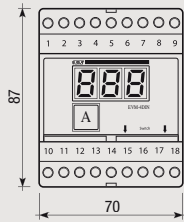
DIMENSIONS (mm)

Front view

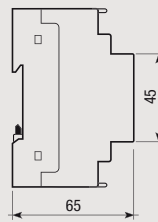
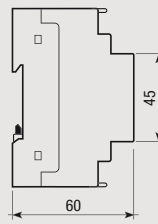
EVM-2 DIN



EVM-4 DIN

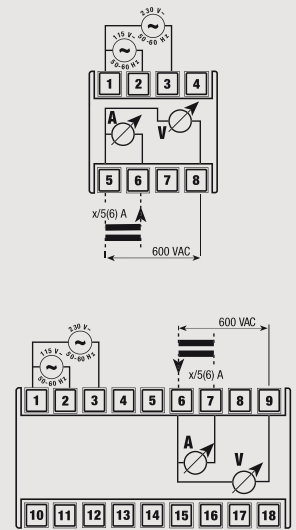


Side view



CONNECTION DIAGRAM

Diagram



MEASUREMENT AND CONTROL

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply	V AC	115 / 230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Power consumption	VA	5
Display		7.6 mm 3 red digits (2 DIN) 14 mm 3 red digits (4 DIN)
View		Max 999
Precision		±(0.5% f.s. + 1 digit)
Front protection degree	IP	40
Minimum measurable value		3% of the full scale

Operating temperature	°C	-10 ÷ +50
Storage temperature	°C	-40 ÷ +90
Terminal		6 mm ²
Case material		Class V0 complying with UL94 standard
Isolation		Power supply and measurement circuits electrically insulated at main insulation level (CAT III EN 61010-1)
Humidity		20 ÷ 90% noncondensing

REFERENCE STANDARDS

Compliance with Community Directives: 73/23/CEE mod. from 93/68/CEE (Low Voltage) 89/336/CEE mod. from 92/31/CEE and 93/68/CEE (E.M.C.) is declared with reference to the following standards: • Safety: EN 61010-1 • E.M. Compatibility: EN 61000-6-2 / EN 61000-6-4