

Multifunction AC voltmeters / ammeters

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



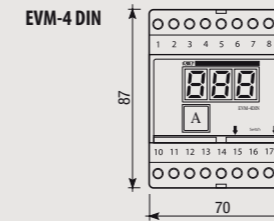
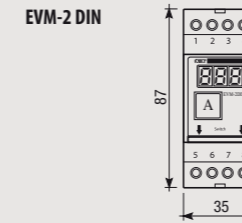
- 1 Container: 4 DIN modules
- 2 Reading: through a 14 mm 3 red digit display
- 3 Possibility of changing the ammeter capacity via the dip-switches on the front
- 4 Container: 2 DIN modules
- 5 Reading: through a 7.6 mm 3 red digit display



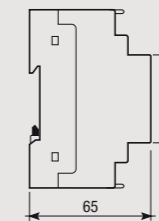
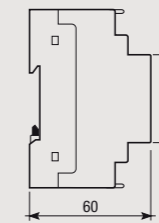
EVM-2DIN EVM-4DIN

DIMENSIONS (mm)

Front view

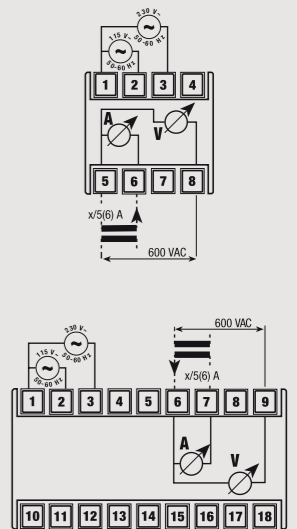


Side view



CONNECTION DIAGRAM

Diagram



MEASUREMENT AND CONTROL

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 measureable value 3% of full scale
- Overrange indication ("HHH")



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 measureable 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 |

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 |

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