

Voltmeters / Ammeters

EVR-D

DIMENSIONS (mm)

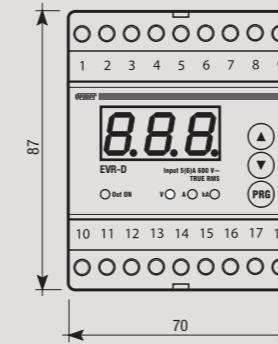
CONNECTION DIAGRAM

Multifunction measurement instrument in maximum or minimum AC: the same instrument can be used as a multiscale Voltmeter or Ammeter with a relay output which depends on the measured measurement compared to a maximum or minimum intervention threshold that can be set.

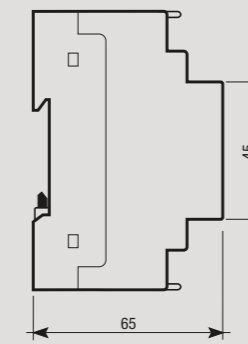


- 1 Container: 4 DIN modules
- 2 Reading: through a 14 mm 3 red digits display
- 3 Possibility to change the ammeter capacity via menu
- 4 Relay status indication led
- 5 Measurement unit indication led

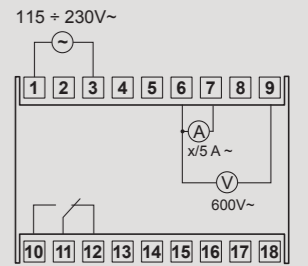
Front view



Side view



Diagram



MEASUREMENT AND CONTROL

TECHNICAL INFORMATION

VOLTMETERS / AMMETERS WITH RELAY

- Power supply: 115 ÷ 230 V AC
- Output: 1 relay with change-over contact 10 A / 250 V AC
- Setting of the alarm set-point, differential and switching delay
- Possibility of storing the alarm event
- Direct connection voltmeter up to 600 V AC
- Ammeter with amperometric connection through CT x/5A
- Selectable transformation ratios (for CT x/5 A):
 - all multiples of 5 between 5 and 995
 - all multiples of 50 between 1000 and 8000
- Overrange indication ("HHH")
- Minimum measureable value 3% of full scale



GENERAL CHARACTERISTICS

Power supply	V AC	115 ÷ 230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Absorption	115 V~	4 VA (2W)
	230 V~	6 VA (2W)
Display		14 mm 3 red digits
View		Max 999
Precision		±(0.5% f.s. + 1 digit)
Switching delay	s	0 ÷ 60
Minimum measureable value		± 3% full scale
Alarm relay capacity		10 A / 250 V AC
Terminal		6 mm ²
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-20 ÷ +70
Humidity		20 ÷ 90% non condensing
Front protection degree	IP	40

REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low voltage) and 2004/108/EC (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

Code	Model	Description	Power supply
VM331600	EVR-D	Multi-scale Voltmeter-Ammeter with maximum or minimum relay	115 ÷ 230 V AC