

Voltmeters / Ammeters

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.

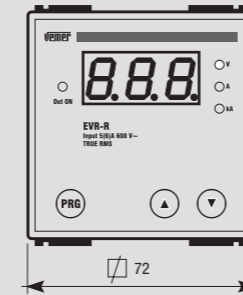


- 1 Normalized dimensions 72x72 mm
- 2 Reading: 14 mm 3 red digit display
- 3 Possibility to change the ammeter capacity via menu
- 4 Relay status indication led
- 5 Measurement unit indication led

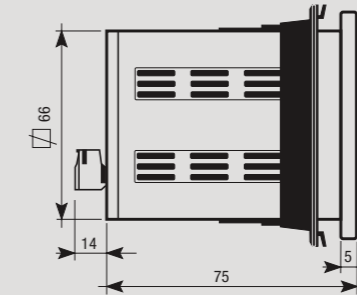
EVR-R

DIMENSIONS (mm)

Front view

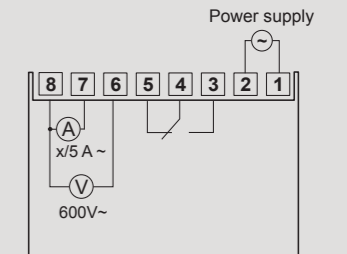


Side view



CONNECTION DIAGRAM

Diagram



MEASUREMENT AND CONTROL

TECHNICAL INFORMATION

VOLTMETERS / AMMETERS WITH RELAY

- Power supply: 115 ÷ 230 V AC or 24 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
- Minimum measurable value 3% of full scale
- Overrange indication ("HHH")

Code	Model	Description	Power supply
VM332400	EVR-R	Multi-scale Volt/Amm with maximum or minimum relay	115 ÷ 230 V AC
VM332402	EVR-R	Multi-scale Volt/Amm with maximum or minimum relay	24 V AC

GENERAL CHARACTERISTICS

Power supply	for model VM332400	115 ÷ 230 V AC (-15% ÷ +10%)
	for model VM332402	24 V AC (-15% ÷ +10%)
Frequency	Hz	50 / 60
Absorption	115 V~	4 VA (2W)
	230 V~	6 VA (2W)
	24 V~	4 VA (3W)
Display		14 mm 3 red digits
View		Max 999
Precision		± (0.5% f.s. + 1 digit)
Switching delay	s	0 ÷ 60
Minimum measurable value		3% of the full scale
Alarm relay capacity		10 A / 250 V AC

Terminal		2.5 mm ² plug-in terminal block
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-20 ÷ +80
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