

# Multifunction AC voltmeters / ammeters

Multifunction electronic 2 DIN modules device which can be configured as a voltmeter or ammeter for measuring the true effective value (TRMS) of voltages and alternate currents in single-phase systems.

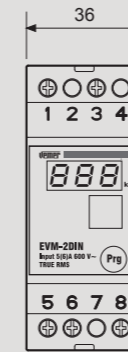


## EVM-2DIN

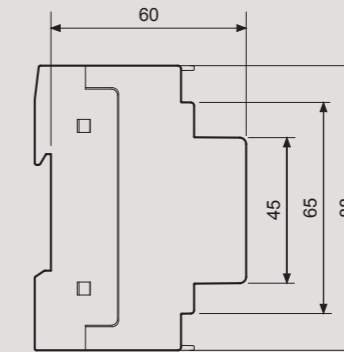
- 1 Container: 2 DIN modules
- 2 Reading: through a 7.6 mm 3 red digits display

## DIMENSIONS (mm)

### Front view

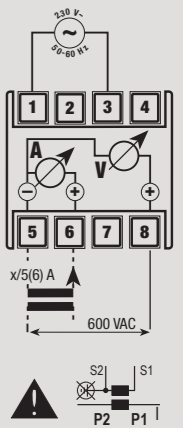


### Side view



## CONNECTION DIAGRAM

### Diagram



## MEASUREMENT AND CONTROL

## TECHNICAL INFORMATION

### TRMS MULTIFUNCTION AC VOLTMETER / AMMETER

- Multifunction measurement instrument in AC: the same instrument can be used as Voltmeter or Ammeter depending on the type of connection
- Direct connection voltmeter up to 600 V AC
- Ammeter with amperometric connection through CT x/5A from 5/5 to 4000/5 A:
  - from 5/5 to 1000/5 with increments of 5
  - from 1000/5 to 4000/5 with increments of 500
- Minimum measurable value: 3% of full scale
- Indication of values out of scale ("HHH")



### GENERAL CHARACTERISTICS

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Absorption	VA	4
Display		7.6 mm 3 red digits
View		Max 999
Precision		±(0.5% f.s. + 1 digit)
Front protection degree	IP	20/51 (on the front)
Minimum measurable value		3% of the full scale

Terminal block		6 mm <sup>2</sup>
Operating temperature	°C	-10 ÷ +45
Storage temperature	°C	-40 ÷ +70
Humidity		10 ÷ 90% non condensing

#### Voltmeter

Resolution	V	1
Measurable minimum signal	V	10

#### Ammeter

Resolution	mA	10
Measurable minimum signal	mA	20

### REFERENCE STANDARDS

Compliance with Community Directives: 2014/35/EU (Low Voltage) and 2014/30/EU (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	Capacity
VM260700	EVM-2DIN	Multiscale voltmeter-ammeter	230 V AC	600 V / x/5 A on CT