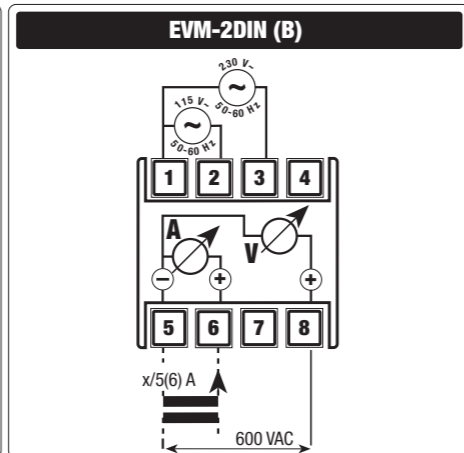
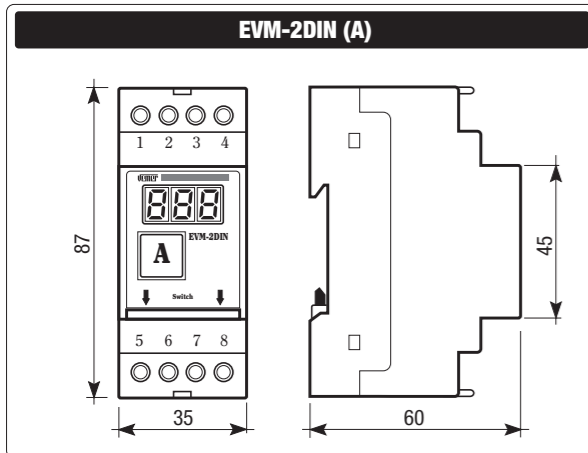


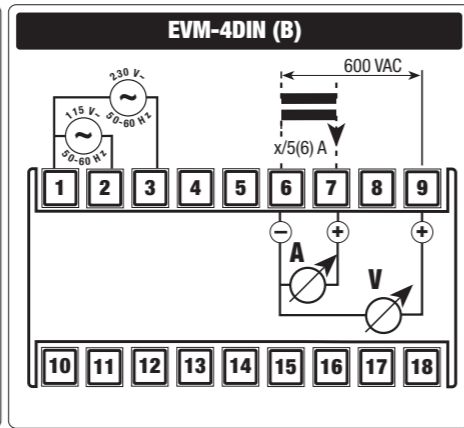
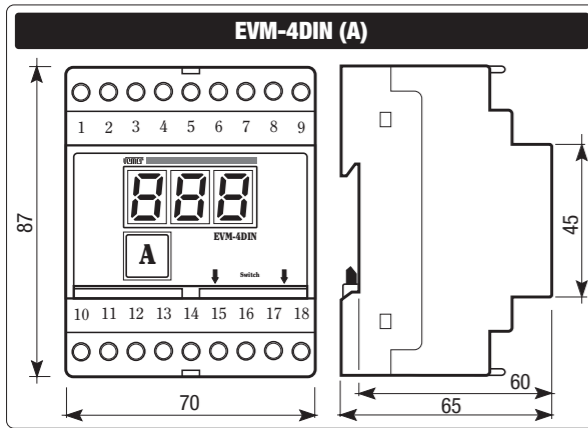


Mod. **EVM-2DIN**
 Mod. **EVM-4DIN**
 Mod. **EVM-R**



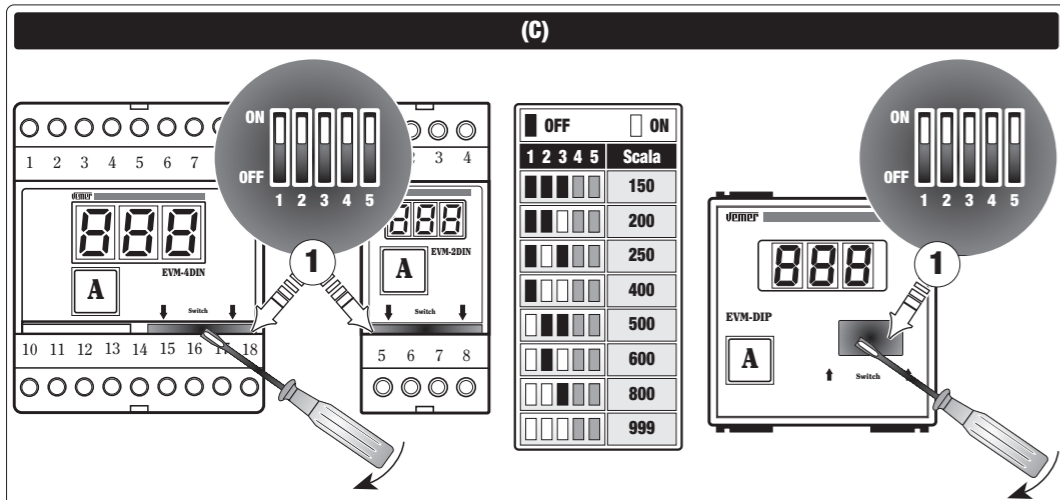
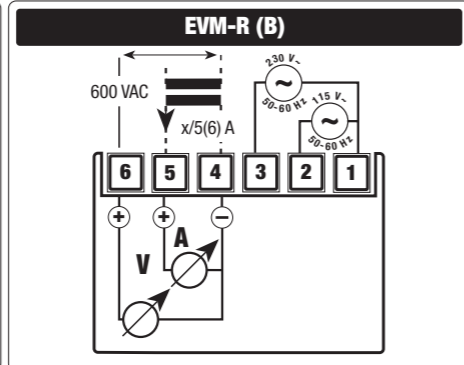
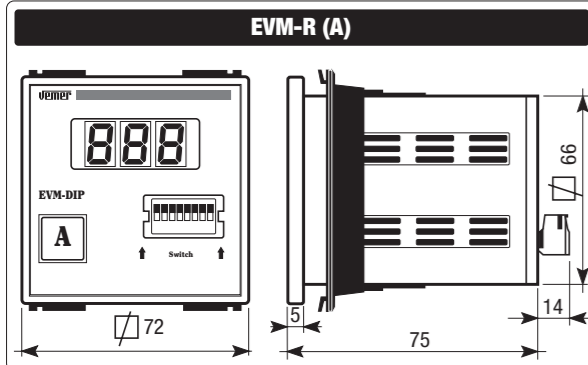
Selezione Punto Decimale (C1)

OFF	ON
1 2 3 4 5	Scala
█ █ █ █ █	9,99
█ █ █ █	99,9
█ █ █	999



(D)

OFF	ON		
1 2 3 4 5	Scala		
█ █ █ █ █	5	A	kA
█ █ █ █	10	A	
█ █ █	15	A	
█ █	20	A	
█	25	A	
█	40	A	
█	50	A	
█	60	A	
█	100	A	
█	150	A	
█	200	A	
█	250	A	
█	400	A	
█	500	A	
█	600	A	
█	800	A	
█	1000	A	
█ █ █ █ █	1,50		kA
█ █ █ █ █	2,00		kA
█ █ █ █ █	2,50		kA
█ █ █ █ █	4,00		kA
█ █ █ █ █	600		V



User Manual

DIGITAL AMMETER AND VOLTMETER

Read all the instructions carefully

SAFETY WARNINGS

- 1) Do not supply power to the instrument if any part of it is damaged
- 2) Follow the connection diagrams carefully to install the instrument
- 3) The dip-switches should be set when the instrument is not connected to the power supply (power supply and/or measurement)
- 4) Connect the measurement terminals to inaccessible parts or outside accessible parts with at least one main insulation (EN 61010-1)
- 5) Make sure that the electrical panel in which the appliance is to be installed will prevent access to the terminals after these have been installed
- 6) The electrical system in the building in which the instrument is to be installed should have an over-current switch and protection device
- 7) The instrument is designed to be installed in locations with overvoltage category III and pollution level 2 (EN 61010-1)

EVM-2DIN

Code	Model	Description
VM260700	EVM-2DIN	Voltmeter-ammeter multiscale

EVM-4DIN

Code	Model	Description
VM259900	EVM-4DIN	Voltmeter-ammeter multiscale

EVM-R

Code	Model	Description
VM293800	EVM-R	Voltmeter-ammeter multiscale

TECHNICAL SPECIFICATIONS

- Power supply: 115/230 V AC (-15%/+10%) 50/60 Hz
- Reading: 3 display digits, 7 segments h = 7.62 mm for each digit
- Absorption:
 - Voltmeter: 600 V direct
 - Ammeter: 5 A direct, x/5 A on CT
- Scale available for selection (see panel D)
- Maximum admissible overload:
 - Voltmeter: 600 V AC permanent
 - Ammeter: 1.2 I_N AC permanent
- Minimum values measured: 4% of the end scale
- Voltmeter input impedance: 2 MΩ
- Ammeter voltage drop: 110 mV at 5 A
- Termination: on 6 mm² block
- Operating temperature: -10 °C ÷ +50 °C
- Storage temperature: -40 °C ÷ +90 °C
- Relative humidity: 20%-90% RH non condensing
- Insulation: power supply and measurement circuit galvanically insulated at main insulation level (CEI EN 61010-1)
- Container:
 - **EVM-2DIN**: 2 module DIN colour RAL-7035 grey, in class V-0 material in accordance with the UL 94 norm
 - **EVM-4DIN**: 4 module DIN colour RAL-7035 grey, in class V-0 material in accordance with the UL 94 norm
 - **EVM-R**: standardised dimensions 72x72 mm in accordance with the DIN 43700 norms

Legend:

- A) Dimensions
- B) Connection diagrams
- C) Dip Switch setting
- D) End scale selectable

OPERATION

- 1) Set the dip switches as instructed in panel "C" switches are used for the selection. The first 3 select the 8 scales available, and the other 2 select the position of the decimal point
- 2) Connect the instrument as shown in the diagram in panel "B"

Important!

- Do not select the dip switches when the instrument is connected (power supply and/or measurement)
- 3) When the instrument is switched on, the capacities selected are displayed with 3 intermittent repetitions:
 - a) if the capacity is as required, the installation is complete;
 - b) if the capacity is not as required, disconnect the instrument and start the procedure again from point 1)
 - c) if "600." or "Err" is displayed, the dip switch selection is incorrect. Disconnect the instrument and repeat the procedure from point 1)
 - 4) If the display shows "HHH" during operation, this means that the dimension under examination is greater than the maximum value admissible.
 - 5) If the value in question is less than 4% of the scale, the display will show "000"

REFERENCE STANDARDS

- **Conformity to the European Union directives:**
 - 2006/95/EC (safety)
 - 2004/108/EC (EMC)
 is declared with reference to the following harmonised standards:
- For safety: EN 61010-1
- For electromagnetic compatibility: EN 61000-6-2 / EN 61000-6-4