

Voltmeters

EVM / EVM-R Series



EVM-35



EVM-3S-48



EVM-R3C



General

- 24 ~ 250V AC/DC (for EVM-35/15)
- Measurement Range with Transformer 1-40 kV (for EVM-35/15)
- Class 0,5 (for EVM-35/15)
- IP54 (for EVM-35/15)
- True RMS Measurement
- Non-flammable Enclosure
- Double Insulation (□),
- Measurement Category III
- Terminal Connection
- Flush Mounting with Rear Terminals
- Operating Temperature : -5°C, +50°C -5°C, +70°C (for EVM-35/15)
- IEC 61000-6-2, IEC 61000-6-4, IEC 61010-1

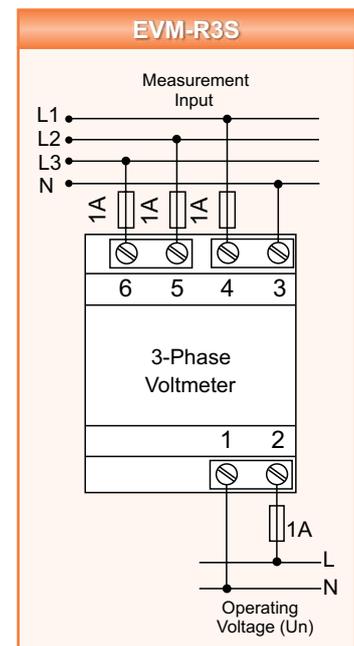
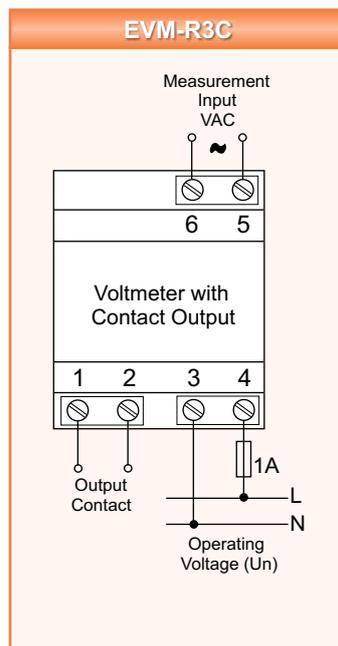
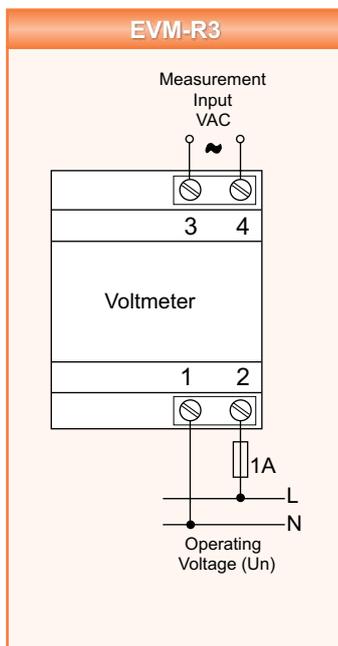
PRODUCT SELECTION TABLE

Product Code		Selectable 3-phase	3 ~ Voltage	1 ~ Voltage	Max. Value	Min. Value	Output Contact	24~250V AC/DC	Flush Mount	Rail Mount	Pcs / Carton
EVM-3-48	Voltmeter			●	●	●			●		20
EVM-3-72	Voltmeter			●	●	●			●		16
EVM-3-96	Voltmeter			●	●	●			●		12
EVM-3C-48	Voltmeter (with Output Contact)			●	●	●	●		●		20
EVM-3C-72	Voltmeter (with Output Contact)			●	●	●	●		●		16
EVM-3C-96	Voltmeter (with Output Contact)			●	●	●	●		●		12
EVM-3S-48	3-Phase Selectable Voltmeter	●							●		20
EVM-3S-72	3-Phase Selectable Voltmeter	●							●		16
EVM-3S-96	3-Phase Selectable Voltmeter	●							●		12
EVM-R3	Voltmeter (Rail Mounted)			●	●	●				●	16
EVM-R3C	Voltmeter with Output Contact (Rail Mounted)			●	●	●	●			●	16
EVM-R3S	3-Phase Selectable Voltmeter (Rail Mounted)	●								●	16
EVM-15-96	Voltmeter (Class 0,5)			●				●	●		12
EVM-35-96	3-Phase Voltmeter (Class 0,5)		●					●	●		12

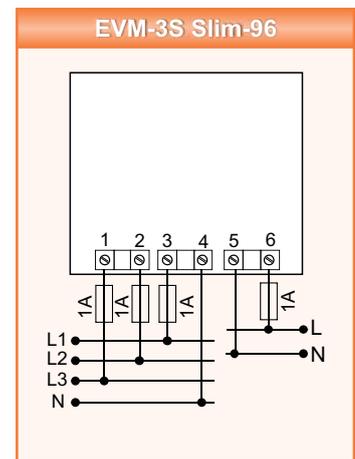
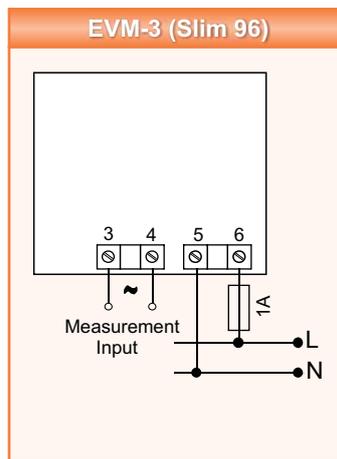
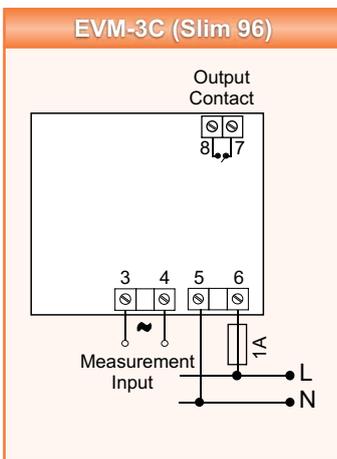
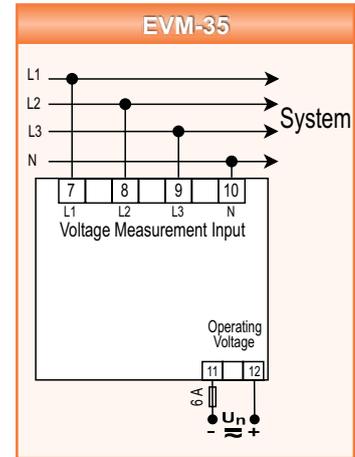
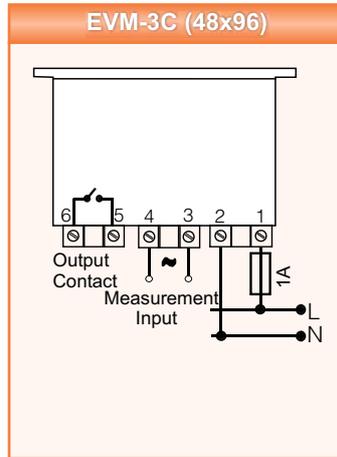
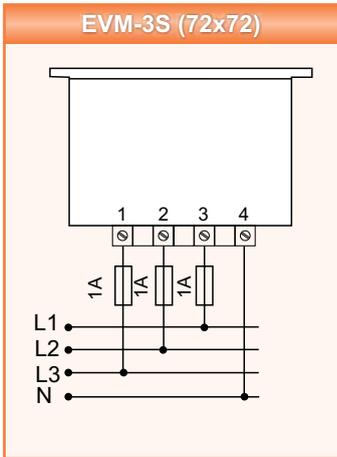
SPECIFICATIONS

	Panel-Mount				Rail-Mount		
	EVM-3	EVM-3C	EVM-3S	EVM-35	EVM-R3	EVM-R3C	EVM-R3S
ENCLOSURE							
Dimension	72x72mm PR18; Slim96 PR25, 48x96mm PR20			96x96mm PR19	DIN3 TYPE PK20		
Weight	0,28kg/16pcs (PR18), 0,30kg/12pcs (PR25), 0,25kg/20pcs (PR20)			0,34kg / carton = 12 pcs	0,25kg/carton = 16 pcs PK20		
MEASUREMENT							
Voltage							
Measurement Range	10-600VAC		10-300VAC(L-N) 10-500VAC(L-L)	1-300VAC(L-N) 2-500VAC(L-L)	10-600VAC		10-300VAC(L-N) 10-500VAC(L-L)
Accuracy	%1±1digit			%0,5±1digit	%1±1digit		
Burden(Input Load)	<1VA						
SUPPLY							
Operating Voltage	110VAC/230V AC±%10			24-250VAC/DC	110VAC/230VAC±%10		
Power Consumption	<4VA						
Operating Frequency	45-65Hz						
OUTPUT							
Delay Time	0-99,9 sec				0-99,9 sec		
Output Contact	1NO,5A 1250VA				1NO,5A 1250VA		
STANDARDS							
Security Standards				EN 61010			
EMC Standards				EN 61000			
Mechanical Endurance				EN 60529			
AMBIENT CONDITIONS							
Operating Temperature	-5 / +50°C			-5 / +70°C	-5 / +50°C		
Overvoltage Category	III						
CONNECTIONS							
Mounting	Flush Mounting				Rail Mounting		
Connection Terminals	Screwed with socket				DIN3 screwed		
Connection Types	Single Phase, 2 wires		Three Phases, 4 wires (star)		Single Phase, 2 wires		Three phases, 4 wires (star)

Connection Diagram

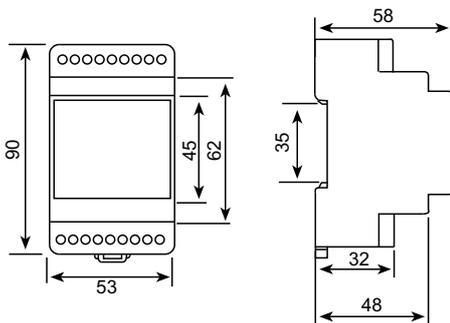


Connection Diagram

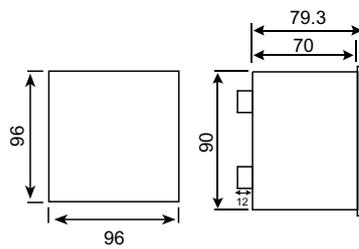


Connection diagrams are given for reference. Please always check the latest user manual given with product or download from www.entec.com.tr

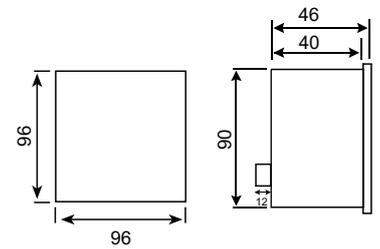
Dimension



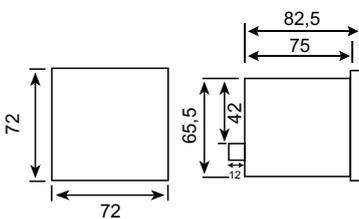
TYPE PK 20



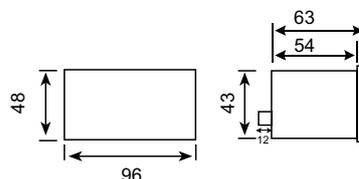
TYPE PR 19 (96x96)



TYPE PR 25 (slim 96)



TYPE PR 18 (72x72)



TYPE PR 20 (48x96)