

Voltmeters

EVM / EVM-R Series



EVM-35



EVM-3S-48



EVM-R3C

- 24 ~ 250 VAC/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
- Double Insulation (),
- Measurement Category III
- Operating Temperature : -5°C / +50°C, -5°C, +70°C (for EVM15/35)



Electrical Measurement

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PRODUCT SELECTION TABLE

Product Code	Selectable 3-phase	3 ~ Voltage	1 ~ Voltage	Max. Value	Min. Value	Output Contact	24 ~ 250 VAC/DC	Front Panel Mounting	Rail Mounting	Pcs / Box
EVM-3-48			●	●	●			●		20
EVM-3-72			●	●	●			●		16
EVM-3-96			●	●	●			●		12
EVM-3C-48			●	●	●	●		●		20
EVM-3C-72			●	●	●	●		●		16
EVM-3C-96			●	●	●	●		●		12
EVM-3S-48	●							●		20
EVM-3S-72	●							●		16
EVM-3S-96	●							●		12
EVM-R3			●	●	●				●	16
EVM-R3C			●	●	●	●			●	16
EVM-R3S	●								●	16
EVM-15-96			●				●	●		8
EVM-35-96		●					●	●		12

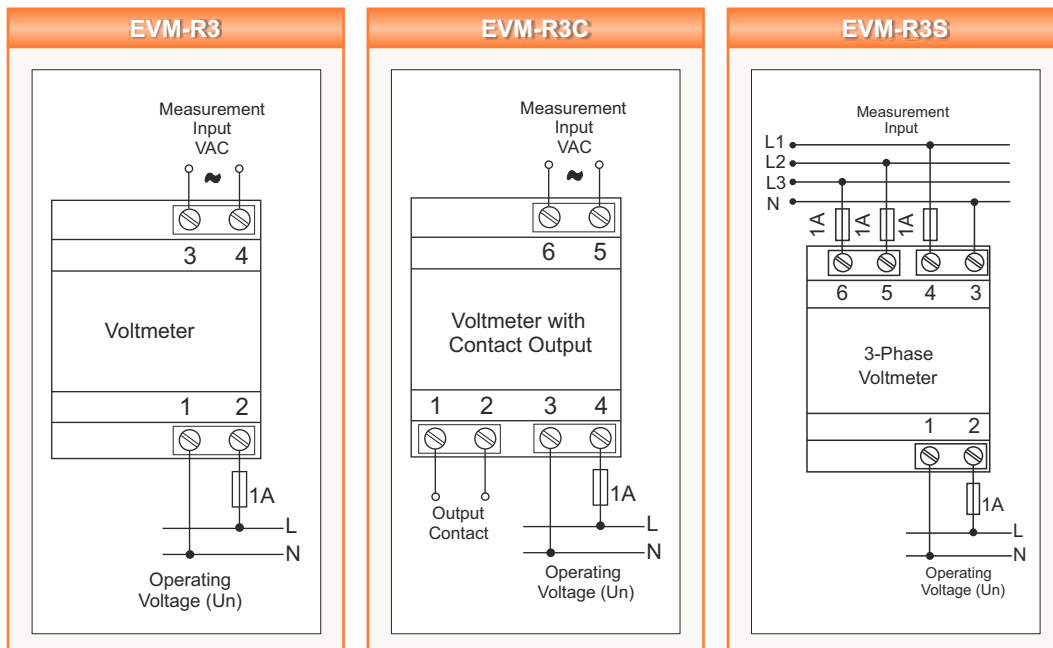
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SPECIFICATIONS

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

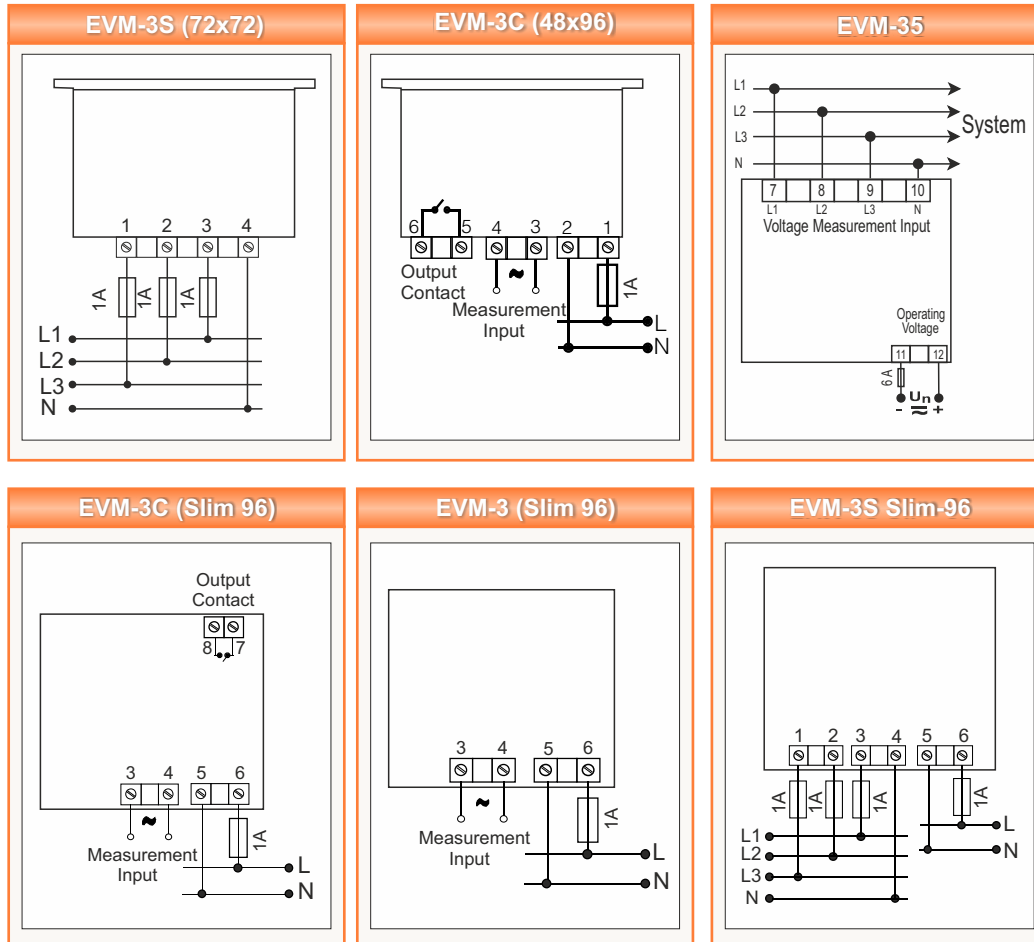
Connection Diagram



Voltmeters

EVM / EVM-R Series

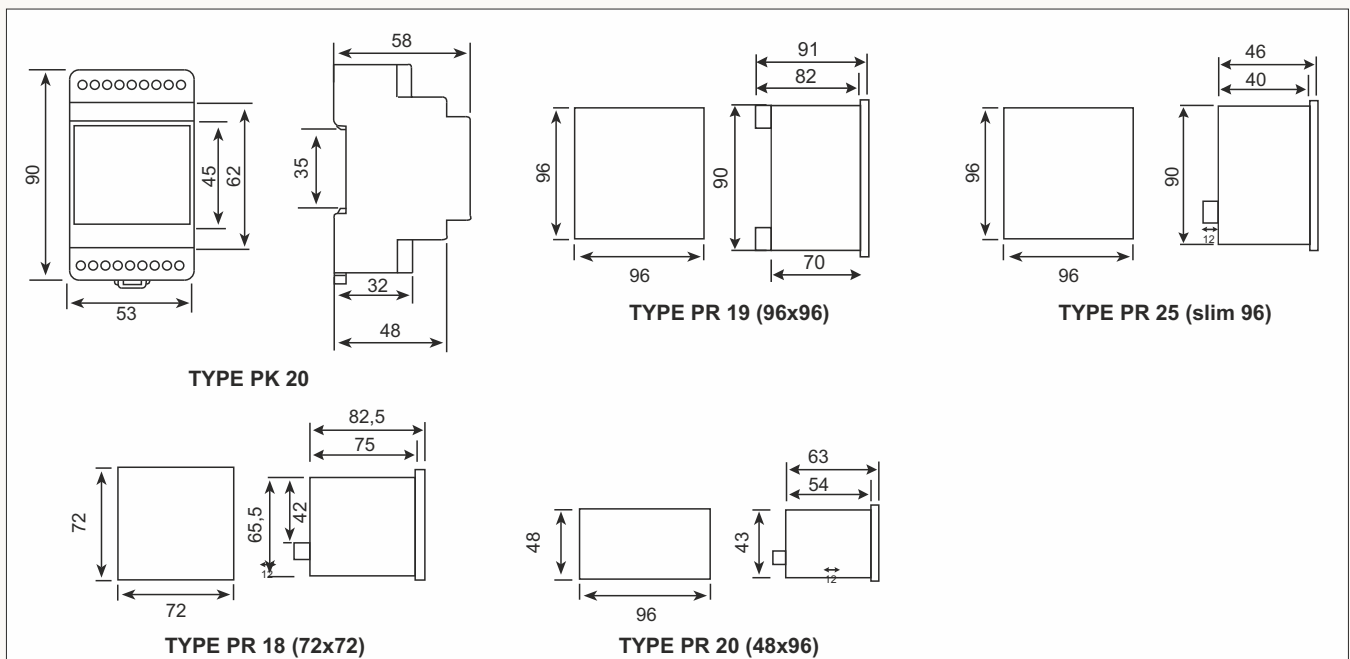
Connection Diagram



Electrical Measurement

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Dimensions



Connection diagrams are given as references. For the latest connection diagrams, please refer to the user manual or www.entec.com.tr.