

Product SPECIFICATION SHEET

MULTI-FUNCTION METERS

E/NTES

EMM-SERIES



BRANCH CONTACT DETAILS

Johannesburg	010 202 3300
Germiston	011 418 9600
Cape Town	021 510 0710
Pinetown	031 700 4215
Riverhorse	031 492 4800

NATIONAL CALL CENTRE

Sales	010 202 3400
Technical	010 202 3500

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	EMM-04	EMM-04S	EMM-04C	EMM-04CS
ENCLOSURE				
Dimensions	96x96x44,5 mm			
Protection Class	IP20			
Display	3x4 LED Display			
MEASUREMENT				
Voltage				
Measurement Range	Up to 300 VAC(VLN) /480 VAC(VLL)			
Accuracy	%1			
CURRENT				
Measurement Range	0,05-5,5 A			
Accuracy	%1			
SUPPLY				
Operating Voltage	100-270 VAC (-15%+10%)			
Operating Frequency	50-60 Hz			
OUTPUT STRUCTURE				
Run Hour Meter	√			
Total Run Hour Meter	√			
Contact Output (Optional)	X		2x (5A 250 VAC/ 1250VA)	
COMMUNICATION				
Communication Protocol	X	RS-485 Modbus RTU	X	RS-485 Modbus RTU
AMBIENT CONDITIONS				
Operating Temperature	-20+70°C			
Storing Temperature	-30+80°C			
Max Humidity	%95			
IP Protection	IP 20			
STANDARDS				
	EN 61326,61000-6-4,61000-6-2 emc EN 61010-1 Safety EN 60529 Mechanical EN 60068-2-1,60068-2-2 ,60068-2-30 Environmental			
CONNECTIONS				
Mounting	Front Panel Mounting			
Connection terminals	Screw Terminal with Socket			
Connection types	3P3W, 3P4W, Aron, 3P3W(B), 3P4W(B)			

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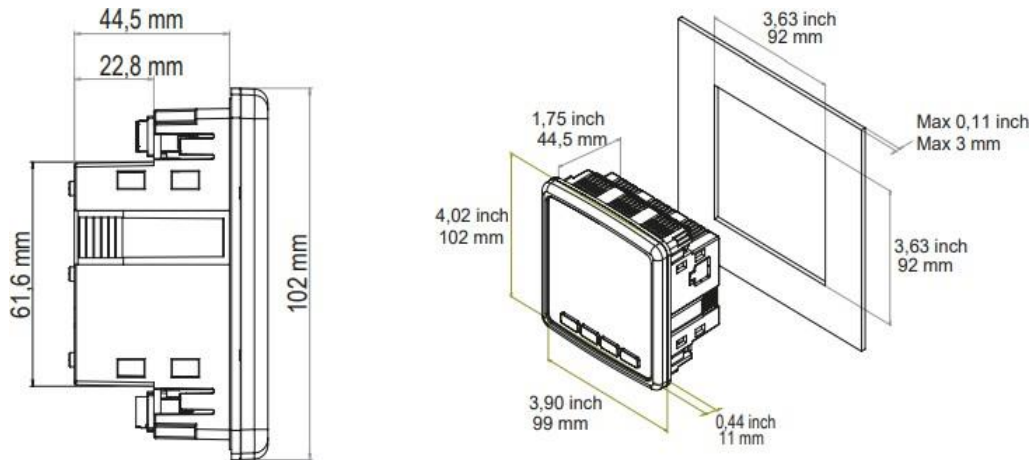
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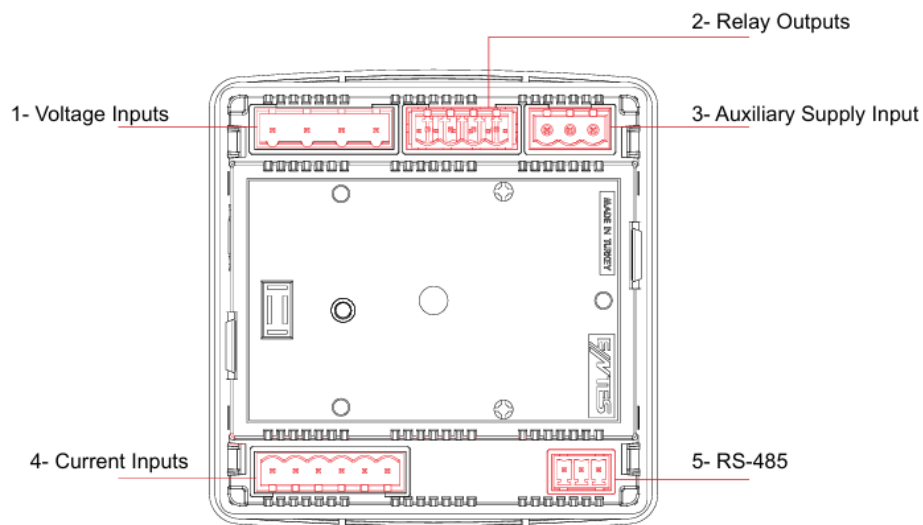
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Connection Diagram



Terminal Structure;

	Connection	Range	Klemens Tipi
1	Voltage Inputs	3 x 10 – 480 VAC 50/60Hz	4 x 7.62 mm socket 2.5 mm ² , 4 mm ²
2	Relay Outputs	2 x 250 VAC 5A 1250 VA	4 x 5.08 mm socket 2.5 mm ² / 4 mm ²
3	Auxiliary supply input	100-270 VAC / 50-60 Hz	3 x 5.08 mm socket 2.5 mm ² / 4 mm ²
4	Current Inputs	3 x 0.05 – 5.5A / AC 50-60 Hz	6 x 5.08 mm socket 2.5 mm ² / 4 mm ²
5	RS-485	Max. $\pm 12V$	3 x 3.81 mm socket 1.5 mm ² / 2.5 mm

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