



Features:

- 4 Digit, 7 segment LED Display
- True RMS Measurement
- For 1 Phase 2 Wire Electrical Network
- CT Primary Programmable upto 4000A
- IP Protection (Front) : IP65

Size: 96mm x 96mm (1/4 DIN)

Certifications: **CE**

Technical Specifications

Display

Display	Single row, 7 segment LED Display
Digit	4
Digit Height	0.56" (14.2mm)
Display Range	0-4960A

Input Specifications

Electrical Connection	1 Ø-2 wire
Input Type	AC
Input Current Range	50mA - 5A
Continuous Max. Input Rating	6.2A
Overrange Indication	"Or" for input > 6.2A
Frequency	50 / 60Hz
Resolution	0.001, 0.01, 0.1, 1A (Depending upon CT Primary Setting)
Accuracy	±0.5% of CT Primary Setting
Input Burden	0.5 VA at 5 A
Sampling Rate	3 samples / second
Dielectric withstand Voltage	2kV AC between auxiliary supply & measuring input
Rated Impulse withstand Voltage	3.5kV (1.2/50µS)

Supply Specifications

Auxiliary Supply	240V AC ±20%, (50 / 60Hz)
Power Consumption	5VA max

Resettable Parameters

C.T Primary	5,10, 20, 30, 40, 50, 60, 75, 80, 100, 150, 200,250,300,400, 500, 600, 800, 1000,1200, 1500, 1600, 2000, 2500, 3000, 4000
C.T Secondary	5A Fixed

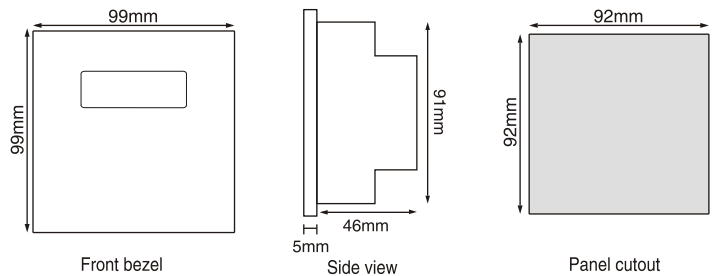
Environmental Specifications

Temperature	Operating: 0 to 50°C (32 to 122°F) Storage: 0 to 70°C (32 to 158°F)
Humidity (non-condensing)	Upto 85% RH

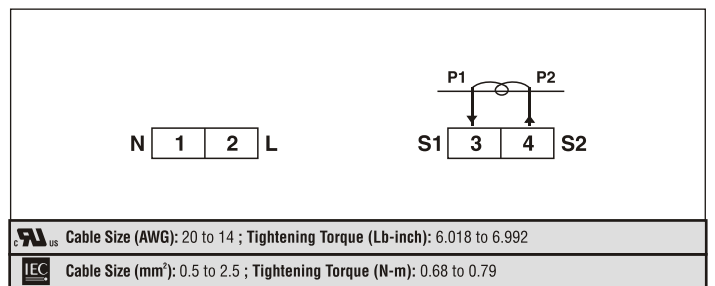
Mechanical Specifications

Mounting	Panel mount
Weight	190 gms (0.418 lbs)
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



UL	Cable Size (AWG): 20 to 14 ; Tightening Torque (Lb-inch): 6.018 to 6.992
IEC	Cable Size (mm ²): 0.5 to 2.5 ; Tightening Torque (N-m): 0.68 to 0.79

Ordering Information

Part No.	CT Type	Supply Voltage
		240V AC
MA302	■	■