



**Features:**

- Liquid Crystal Display
- Single row, 4 digit
- Analog style bargraph indication
- True RMS measurement
- CT primary programmable up to 5000A
- For 1 phase 2 wire electrical connection
- IP protection (Front Plate): IP65

Size: 48mm x 48mm (1/16 DIN)

Certifications:  

**Technical Specifications**

**Display**

Display	Single row, Liquid Crystal Display
Digit	4
Digit Height	0.56" (14.2mm)
Display Range	0 – 6200A
Bargraph	Analog style bargraph indication

**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
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	2kV (1.2/50µS)

**Supply Specifications**

Auxiliary Supply	240V AC ±20%, (50 / 60Hz) 110V AC ±20%, (50 / 60Hz)
Power Consumption	12VA max

**Resettable Parameters**

C.T. Primary Settings	5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 80, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 630, 750, 800, 1000, 1200, 1500, 1600, 2000, 2250, 2500, 3000, 3200, 4000, 5000.
C.T. Secondary Settings	5A Fixed

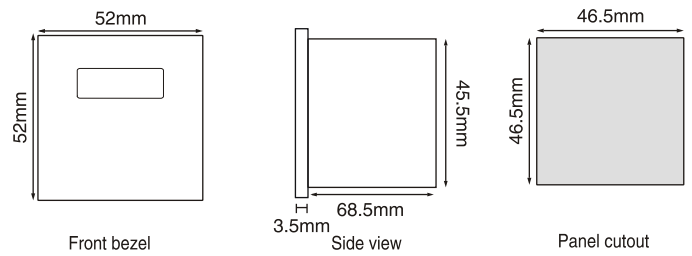
**Environmental Specifications**

Temperature	Operating: -10 to +55°C (14 to 131°F) Storage: -20 to +75°C (-4 to 167°F)
Humidity (non-condensing)	Upto 85% RH

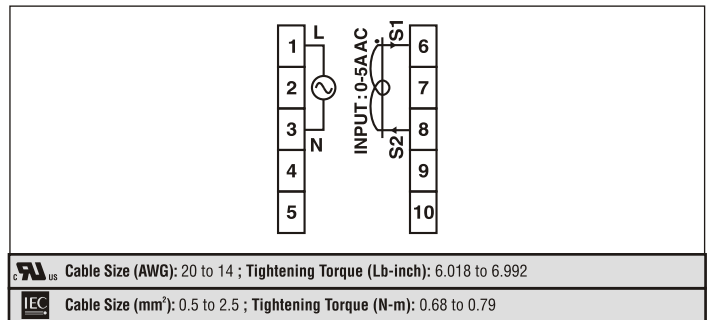
**Mechanical Specifications**

Mounting	Panel mount
Weight	113 gms
Protection Level	IP65 for faceplate

**Dimensions**



**Terminal Connections**



**Ordering Information**

Part No.	CT Type	Supply Voltage		Certification	
		110V AC	240V AC	CE	UL LISTED
MA501	■		■		
MA501-CU	■		■	■	■
MA501-110V	■	■			
MA501-110V-CU	■	■		■	■

**Note: CT Type**-There is an internal CT with CT setting (5-5000A). For current input >5A, external CT is required.