



Features:

- Liquid Crystal Display
- Single row, 4 digit
- Analog style bargraph indication
- True RMS measurement
- CT programable up to 5000A
- For 3 phase 4 wire electrical connection
- IP protection (Front Plate): IP54
- Page selection using selector switch

Size: 72mm x 72mm

Certifications: CE  PENDING

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	3Ø- 4 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 per phase 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

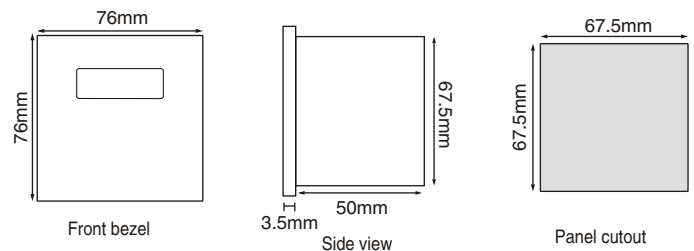
Environmental Specifications

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

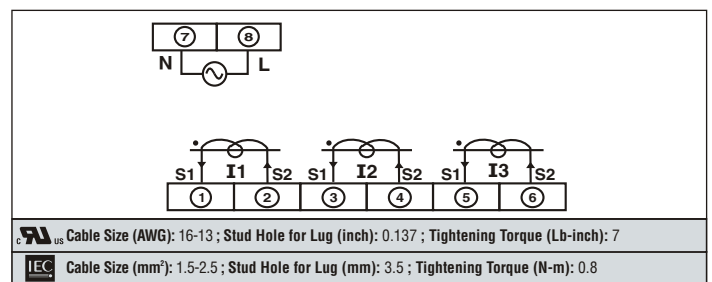
Mechanical Specifications

Mounting	Panel mount
Weight	163 gms
Protection Level	IP54 for faceplate

Dimensions



Terminal Connections



Ordering Information

Part No.	CT Type	Supply Voltage		Certification	
		110V AC	240V AC	CE	cUL US
MA2301	■		■		
MA2301-CU	■		■	■	■
MA2301-110V	■	■			
MA2301-110V-CU	■	■		■	■

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