MA201 Digital Ammeter



Features:

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

Size: 72mm x 72mm

Certifications: CE, cULus LISTED

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	1Ø-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. (Default setting : 5A AC)
C.T. Secondary Settings	5A Fixed

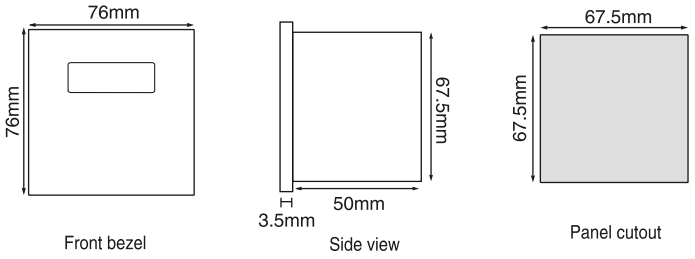
Environmental Specifications

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

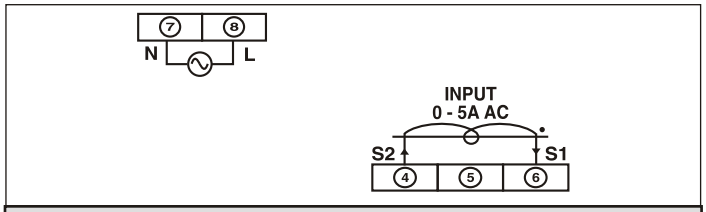
Mechanical Specifications

Mounting	Panel mount
Weight	138 gms
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



cULus **Cable Size (AWG):** 20 to 14 ; **Tightening Torque (Lb-inch):** 6.018 to 6.992

IEC **Cable Size (mm²):** 0.5 to 2.5 ; **Tightening Torque (N-m):** 0.68 to 0.79

Ordering Information

Part No.	CT Type	Supply Voltage		Certification	
		110V AC	240V AC	CE	cULus LISTED
MA201	■		■		
MA201-CU	■		■	■	■
MA201-110V	■	■			
MA201-110V-CU	■	■		■	■

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