

## Features:

- True RMS Measurement
- CT Primary Programmable upto 4000A

Certifications: **C C C UL US LISTED** 

#### **Display Specifications**

Display Single row, 7 segment LED Display

Digits

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 5A
Sampling Rate 3 samples / second

Dielectric withstand Voltage 2kV AC between auxiliary supply &

measuring input

Rated Impulse withstand Voltage 3.5kV (1.2/50µS)

#### **Auxiliary Supply Specifications**

Auxiliary Supply	240V AC ±20%, (50 / 60Hz) 110V AC ±20%, (60Hz)
Power Consumption	5VA max

#### **Settable Parameters**

CT 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
CT Secondary	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 95% RH	

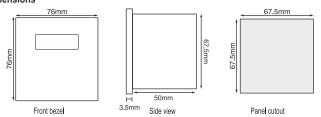
#### Mechanical Specifications

Mounting	Panel mount
Weight	180 gms (0.418 lbs)

#### Compliance

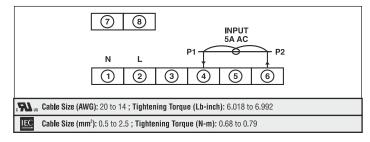
Applicable EMI / EMC Standards						
Product Standard: IEC 61326-1						
Category		Standards Compliance				
ESD Immunity	IEC 61000-4-2	Level IV (Air discharge : 15kV), (Contact Discharge : -8kV)				
Surge Immunity	IEC 61000-4-5	+/- 2kV common mode, (Line to ground) +/- 1kV differential mode, (Line to Line)				
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz (10V/m) Level II, 1.4GHz to 2GHz (3V/m) Level I, 2GHz to 2.7GHz (1V/m)				
Conducted Susceptibility	IEC 61000-4-6	Level II (3V/m)				
Voltage Dips and Interruptions	IEC 61000-4-11	Dips: 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions: 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)				
Conducted Emission	CISPR-11					
Radiated Emission	CISPR-11					
Electrical Fast Transient	IEC 61000-4-4	Level III (2kV)				

#### Dimensions



MA202 Ammeter - Digital

## **Terminal Connections**



# **Ordering Information**

Product Code.	Supply Voltage	
	240V AC	110V AC
MA202	-	

 $\begin{tabular}{ll} \textbf{Note: CT Type} - \textbf{There is an internal CT with CT setting (5-4000A)}. \\ \textbf{For current input } > \textbf{5A}, external CT is required. \\ \end{tabular}$ 

Direct Type - Input is directly connected to the unit.

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