



96 x 96mm

**Features:**

- True RMS Measurement
- CT Primary Programmable upto 4000A

Certifications: **CE**

**Display Specifications**

Display	Single row, 7 segment LED Display
Digits	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)
Accuracy	±0.5% of CT primary / shunt 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 / Shunt Setting	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 Setting	5A Fixed

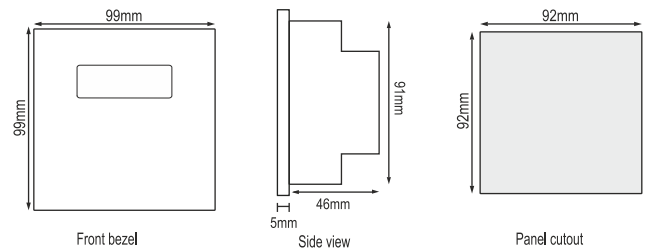
**Environmental Specifications**

Temperature	Operating: -10 to 55°C (32 to 122°F) Storage: -20 to 75°C (32 to 158°F)
Humidity (non-condensing)	Upto 95% RH

**Mechanical Specifications**

Mounting	Panel mount
Weight	180 gms

**Dimensions**



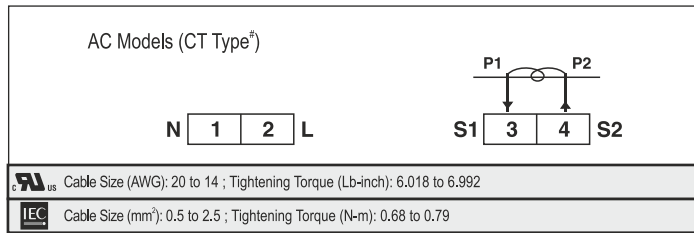
**Compliance**

**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	<b>Dips</b> : 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) <b>Interruptions</b> : 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)

Terminal Connections



Ordering Information

Product Code	CT Type	Supply Voltage	Certification
		240V AC	
MA302	■	■	CE