



72 x 72mm

### Features :

- ▶ Class 0.5 accuracy
- ▶ True RMS current measurement
- ▶ CT Programmable up to 4000A
- ▶ CE & RoHS Certified

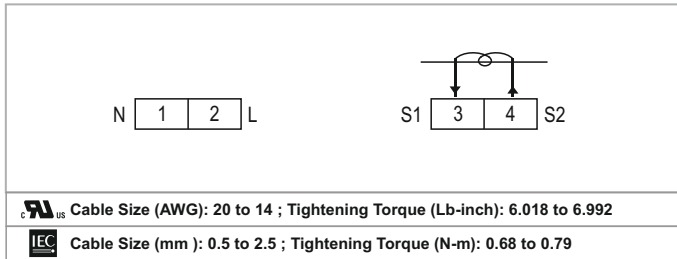
Certifications : CE

## Technical specifications

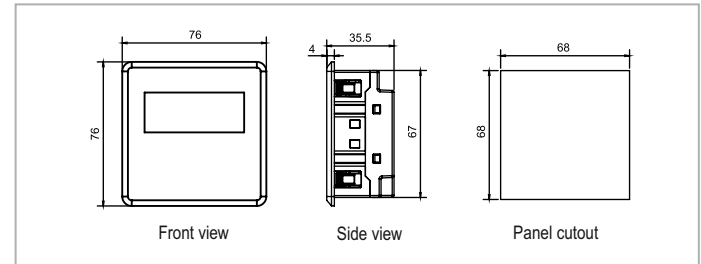
Display specifications	
Display	7 Segment LED display
Digits	4
Display height	0.56" (14.2mm)
Display update time	0-5760A
Resolution	0.001, 0.01, 0.1, 1A (Depending upon CT primary)
Input specifications	
Electrical connection	1Ø-2 Wire
Input type	AC
Input current range	50mA-5A AC
Continuous max. input current	140% of rated current
Accuracy	±0.5% of F.S. (CT Primary/Shunt setting)
Over range indication	>7.2A AC
Frequency range	50/60Hz
Electrical specification	
Installation category	III
High voltage test	2kV AC, 50Hz
IP Protection	IP51 Front only
Sampling rate	3 Samples/Second
Dielectric with stand voltage	2kV AC Between auxiliary supply & measuring input
Rated impulse with stand voltage	3.5kV (1.2/50µS)
Auxiliary supply specifications	
Auxiliary supply	AC: 240V AC ±20%, (50/60Hz)
Supply frequency	50/60Hz
Input burden	0.5 VA@5A AC
Power consumption	5VA Max@240V AC
Settable parameters	
CT Primary 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 (Via tact switch)
CT Secondary setting	5A Fixed
Environmental specifications	
Operating temperature	-10°C to +55°C (14°F to 131°F)
Storage temperature	-20°C to +75°C (-4°F to 167°F)
Humidity (Non-condensing)	Upto 95% RH
Pollution degree	2

Mechanical specifications	
Mounting	Panel mount
Bezel size	72mm x 72mm
Overall depth	35.5mm
Weight	85gm

## Terminal connections



## Dimensions (All are in mm)



## Standards 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)

## Ordering information

Product code	Supply voltage	Certification
MA202	240V AC	---
MA202-CE	240V AC	CE