Digital Ammeter

MA302

selec
MA302
5.000
A RMS

96 x 96mm

Features :

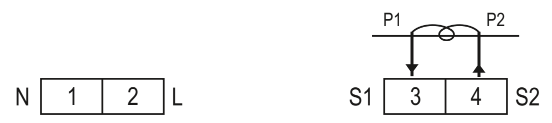
- Class 0.5 accuracy
- True RMS current measurement
- CT Programmable up to 4000A

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	96mm x 96mm
Overall depth	36.49mm
Weight	120gm

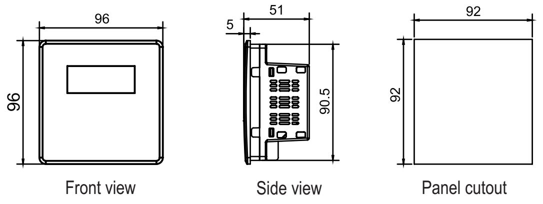
Terminal connections



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

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

Dimensions (All are in mm)



Front view

Side view

Panel cutout

Ordering information

Product code	Supply voltage	Certification
MA302	240V AC	- - -