



MP14 Power Factor Meter

Digital Multifunction Meter



4 Digit, 7 segment LED
0.001 Resolution

Specifications

Display Specifications

Display 7 segment LED Display
Digits 4 Digit
Height 0.56" (14.2mm)

Input Specifications

Electrical Connection 1Ø - 2 wire
Measurement Range 0.250 - 6A (AC)
Frequency 50 / 60 Hz
Resolution 0.001
Accuracy ± 0.5% (± 1 digit)

Specifications Auxiliary Supply

240V AC ±20%, (50 / 60Hz)
110V AC ±20%, (50 / 60Hz)

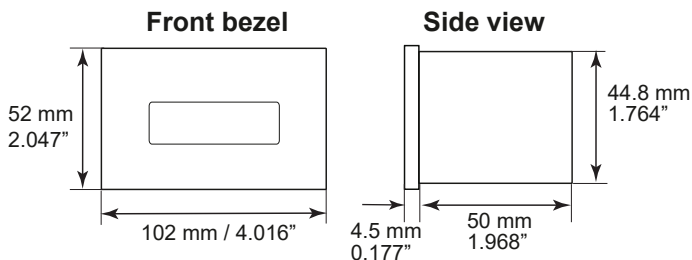
Environmental Specifications

Temperature Operating: 0 to 50C (32 to 112F)
Temperature Storage: 0 to 70C (32 to 158F)
Humidity (non-condensing) Up to 95% RH

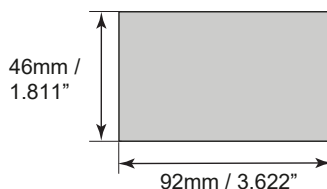
Mechanical Specifications

Mounting Panel mount
Weight 170 g (0.374 lbs)

Dimensions



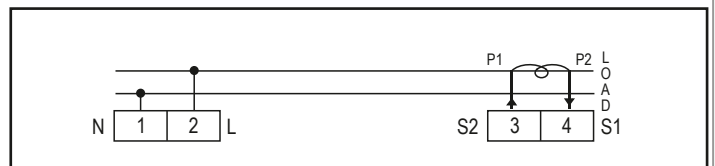
Panel cutout



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)

Terminal Connections



UL Cable Size (AWG): 13 ; Stud Hole for Lug (inch): 0.137 ; Tightening Torque (Lb-inch): 4.5
IEC Cable Size (mm): 2.5 ; Stud Hole for Lug (mm): 3.5 ; Tightening Torque (N-m): 0.5

Ordering Information

Product Code	Supply Voltage		Certification	
	110V AC	240V AC	CE	cULus
MP14		■		
MP14-CU		■	■	■
MP14-110V	■			
MP14-110V-CU	■		■	■