



Features:

- 3 Digit, 7 segment LED Display
- True RMS Measurement
- For 1 Phase 2 Wire Electrical Network
- IP Protection (Front) : IP65

Size: 1/4 DIN 96mm x 96mm

Certifications: US PENDING

Technical Specifications

Display

Display	Single row, 7 segment LED Display
Digit	3
Digit Height	0.56" (14.2mm)
Display Range	0 – 516V

Input Specifications

Electrical Connection	1 Ø-2 wire
Input Type	AC
Input Voltage Range	50-480V
Continuous Max. Input Rating	516V
Overrange Indication	"Or" for input > 516V
Frequency	50 / 60Hz
Resolution	1V
Accuracy	±0.5% of F.S
Input Impedance	1MΩ (± 5%)
Sampling Rate	3 samples / second
Dielectric withstand Voltage	2kV AC between auxiliary supply & measuring input
Rated Impulse withstand Voltage	3.5kV (1.2/50µS)

Supply Specifications

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

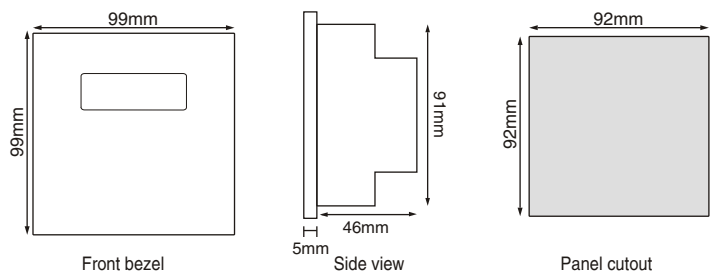
Environmental Specifications

Temperature	Operating: 0 to 50°C (32 to 122°F) Storage: 0 to 70°C (32 to 158°F)
Humidity (non-condensing)	Upto 85% RH

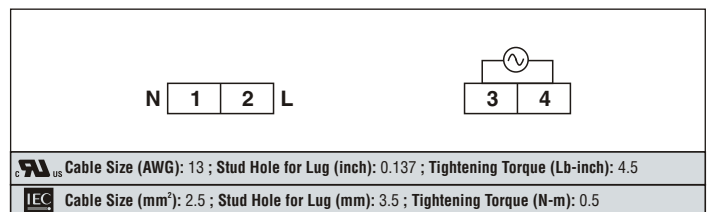
Mechanical Specifications

Mounting	Panel mount
Weight	190 gms (0.418 lbs)
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



Ordering Information

Part No.	Supply Voltage
	240V AC
MV305	■