



Features:

- Liquid Crystal Display
- Single row, 3 digit
- Analog style bargraph indication
- True RMS measurement
- For 1 phase 2 wire electrical connection
- IP protection (Front Plate): IP65

Size: 1/16 DIN 48mm x 48mm

Certifications: CE  PENDING

Technical Specifications

Display

Display	Single row, Liquid Crystal Display
Digit	3
Digit Height	0.56" (14.2mm)
Display Range	0 – 516V
Bargraph	Analog style bargraph indication

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	2kV (1.2/50µS)

Supply Specifications

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

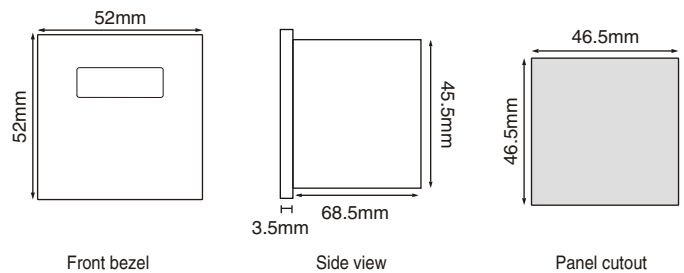
Environmental Specifications

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

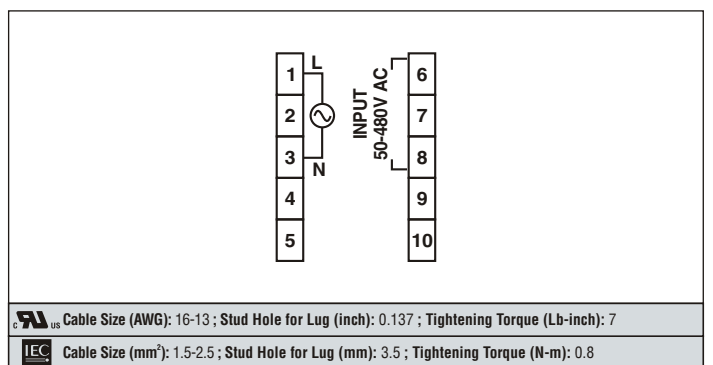
Mechanical Specifications

Mounting	Panel mount
Weight	165g
Protection Level	IP65 for faceplate


Dimensions



Terminal Connections



Ordering Information

Part No.	Supply Voltage		Certification	
	110V AC	240V AC	CE	
MV507		■		
MV507-CU		■	■	■
MV507-110V	■			
MV507-110V-CU	■		■	■