

Features:

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

Size: 48mm x 96mm (1/8 DIN)

Certifications: CE cULus LISTED

Technical Specifications

Display

Display	Single row, 7 segment LED Display
Digit	3 Digit
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	AC: 240V AC ±20%, (50 / 60Hz) 110V AC ±20%, (50 / 60Hz)
Power Consumption	5VA max

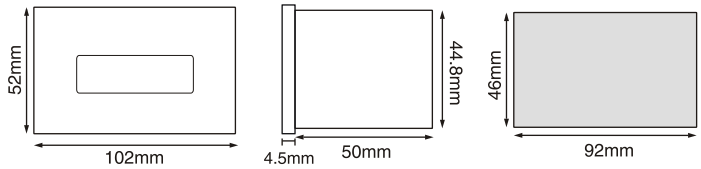
Environmental Specifications

Temperature	Operating: -10 to +55°C (14 to 131°F)
	Storage: -20 to +75°C (-4 to 167°F)
Humidity (non-condensing)	Up to 85% RH

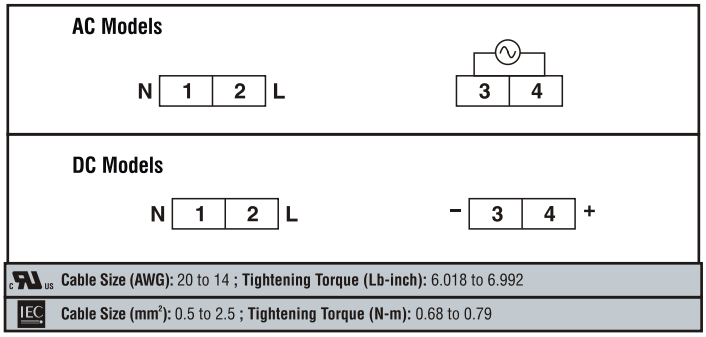
Mechanical Specifications

Mounting	Panel mount
Weight	170 gms (0.374 lbs)
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



Ordering Information

Part No.	Supply Voltage		Certification	
	110V AC	240V AC	CE	cULus LISTED
MV15		■		
MV15-CU		■	■	■
MV15-110V	■			
MV15-110V-CU	■		■	■
MV15-AC-20/200V		■		
MV15-AC-20/200V-CU		■	■	■
MV15-AC-20/200V-110V	■			
MV15-AC-20/200V-110V-CU	■		■	■
MV15-AC-200/2000mV		■		
MV15-AC-200/2000mV-CU		■	■	■
MV15-AC-200/2000mV-110V	■			
MV15-AC-200/2000mV-110V-CU	■		■	■
MV15-DC-20V		■		
MV15-DC-20V-CU		■	■	■
MV15-DC-20V-110V	■			
MV15-DC-20V-110V-CU	■		■	■
MV15-DC-200V		■		
MV15-DC-200V-CU		■	■	■
MV15-DC-200V-110V	■			
MV15-DC-200V-110V-CU	■		■	■
MV15-DC-200mV		■		
MV15-DC-200mV-CU		■	■	■
MV15-DC-200mV-110V	■			
MV15-DC-200mV-110V-CU	■		■	■
MV15-DC-2V		■		
MV15-DC-2V-CU		■	■	■
MV15-DC-2V-110V	■			
MV15-DC-2V-110V-CU	■		■	■