

MV15 Series (LED Voltage Meters)

FEATURES

- Measurement Function
 - 1 Ø Voltage (True RMS)
- 3 Digit LED Display



CAT. NO.

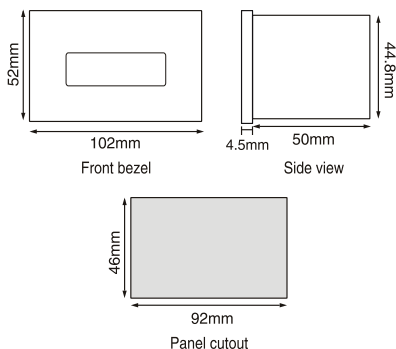
MV15-110V-CU

MV15-DC-20V-110V-CU

MV15-DC-200V-110V-CU

Display	MV15-110V-CU	MV15-DC-20V-110V-CU MV15-DC-200V-110V-CU
Display Type	7 segment LED Display	7 segment LED Display
Digits	3 digits	3 digits
Bargraph	—	—
Display Range	0 - 516V	0 - 516V
Supply Specification	110 VAC +/-20% (60Hz)	110 VAC +/-20% (60Hz)
Input Specification		
Electrical Wire System	1 Phase (2 wire)	1 Phase (2 wire)
Input Voltage Range	50 ~ 516 VAC	0 ~ 20 VDC (MV15-20V) 0 ~ 200 VDC (MV15-200V)
Frequency	50/60 Hz	50/60 Hz
Input Impedance	1 MΩ (+/-5%)	1 MΩ (+/-5%)
Parameter Resolution		
Voltage	1V	1V
Sample Rate	3 samples / sec.	3 samples / sec.
Accuracy Class		
Voltage	+/- 0.5% of Full-Scale Value	+/- 0.5% of Full-Scale Value
Output Specifications		
Pulse Output	—	—
Communication	—	—
Programmable Parameters	—	—
Environmental Specifications		
Temperature	Operating: -10°C~55°C, Storage: -20°C~ 75°C	Operating: -10°C~55°C, Storage: -20°C~ 75°C
Humidity	Up to 85% RH	Up to 85% RH
Protection Level	IP65 for Faceplate	IP65 for Faceplate
Physical Specifications		
Size	1/8 DIN, 48 mmx 96 mm	1/8 DIN, 48 mmx 96 mm
Weight	0.38 lbs (170g)	0.38 lbs (170g)
Terminal Size Acceptability and Torque	20-14 AWG (0.5 - 2.5mm ²), 6-7 lb-in. (0.68 - 0.79Nm)	20-14 AWG (0.5 - 2.5mm ²), 6-7 lb-in. (0.68 - 0.79Nm)

DIMENSIONS



MV15 Series

TERMINAL CONNECTIONS



MV15-110V-CU (AC Type)



MV15-DC-20V-110V-CU (DC Type)
MV15-DC-200V-110V-CU (DC Type)

230 VAC versions also available, please consult Altech.

Mouser Electronics

Authorized Distributor

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