

# MV Series (LCD Voltage Meters)

**Altech®**

## FEATURES

- Measurement Functions
  - 1 Ø Voltage (True RMS)
  - 3 Ø Voltage (True RMS)
- Integrated selection switch for Phase Selection (MV2307)
- LCD Display with Backlight
- Bargraph Indicator



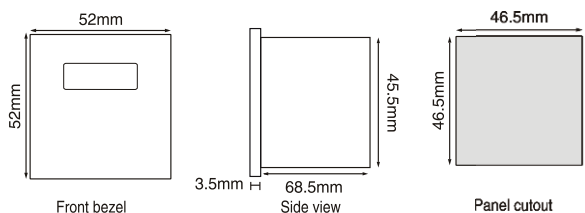
## CAT. NO.

### MV507-110V-CU

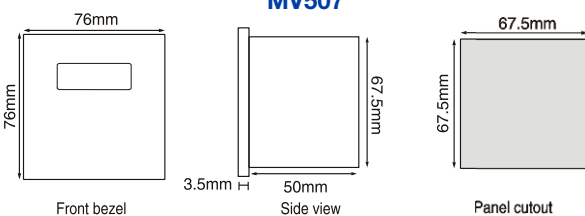
### MV2307-110V-CU

<b>Display</b>		
Display Type	LCD display with backlight	LCD display with backlight
Digits	3 digits	3 digits
Bargraph	Analog style bargraph indicator	Analog style bargraph indicator
Display Range	0 - 516V	0 - 516V
Display Scrolling	-	manual phase selector switch
<b>Supply Specification</b>	110 VAC +/-20% (60Hz)	110 VAC +/-20% (60Hz)
<b>Input Specification</b>		
Electrical Wire System	1 Phase (2 wire)	3 Phase/4 wire
Input Voltage Range	50 ~ 516 VAC	50 ~ 516 VAC
Frequency	60 Hz	60 Hz
Input Impedance	1 MΩ (+/-5%)	1 MΩ (+/-5%)
<b>Parameter Resolution</b>		
Voltage	1V	1V
Sample Rate	3 samples / sec.	3 samples / sec.
Run Hour		
<b>Accuracy Class</b>		
Voltage	+/- 0.5% of Full-Scale Value	+/- 0.5% of Full-Scale Value
<b>Output Specifications</b>		
Pulse Output	-	-
<b>Communication</b>	-	-
<b>Programmable Parameters</b>	-	-
<b>Environmental Specifications</b>		
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
<b>Physical Specifications</b>		
Size	1/16 DIN, 48 mm x 48mm	72 mm x 72 mm
Weight	0.36 lbs (165g)	0.43 lbs (194g), 0.45 lbs (206g)
Terminal Size Acceptability and Torque	20-14 AWG (0.5 - 2.5mm <sup>2</sup> ), 6-7 lb-in. (0.68 - 0.79Nm)	20-14 AWG (0.5 - 2.5mm <sup>2</sup> ), 6-7 lb-in. (0.68 - 0.79Nm)

## DIMENSIONS



### MV507

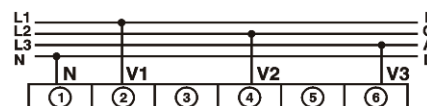


### MV2307

## TERMINAL CONNECTIONS



### MV507



### MV2307

230 VAC versions also available, please consult Altech.

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