

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



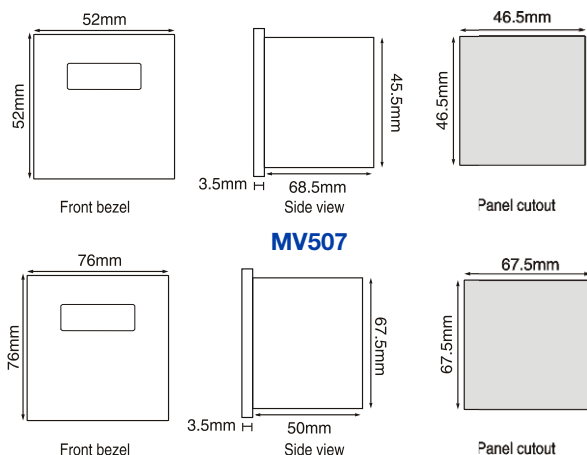
CAT. NO.

MV507-110V-CU

MV2307-110V-CU

Display		
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
Supply Specification	110 VAC +/-20% (60Hz)	110 VAC +/-20% (60Hz)
Input Specification		
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%)
Parameter Resolution		
Voltage	1V	1V
Sample Rate	3 samples / sec.	3 samples / sec.
Run Hour		
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	1/16 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 - 2.5mm²), 6-7 lb-in. (0.68 - 0.79Nm)	20-14 AWG (0.5 - 2.5mm²), 6-7 lb-in. (0.68 - 0.79Nm)

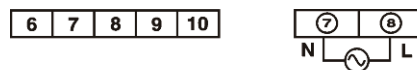
DIMENSIONS



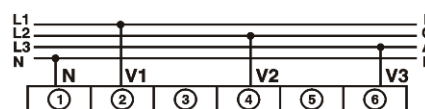
MV507

MV2307

TERMINAL CONNECTIONS



MV507



MV2307

230 VAC versions also available, please consult Altech.