

## 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



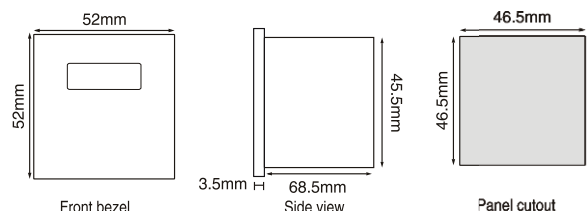
## CAT. NO.

## MV507-110V-CU

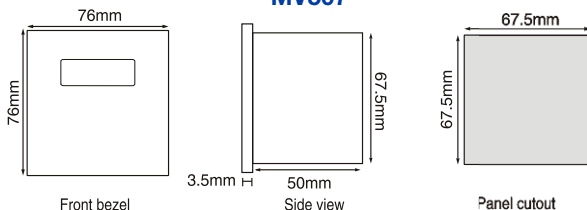
## MV2307-110V-CU

| 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

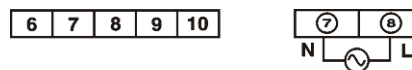


**MV507**

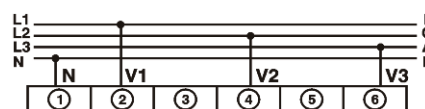


**MV2307**

## TERMINAL CONNECTIONS



**MV507**



**MV2307**

230 VAC versions also available, please consult Altech.

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