



**selec**<sup>®</sup>  
Creating Best Value

Our new innovation...

## DIGITAL + ANALOG

**True RMS Panel Meters**

with Backlight



- 1Ø Voltage
- 1Ø Current

(in 72x72 & 48x48)

- 3Ø Voltage with selector switch
- 3Ø Current with selector switch

(in 72x72)

## Technical Specifications



| Description                         | Ammeter   | 30 Ammeter                       | Voltmeter                                | 30 Voltmeter                     |
|-------------------------------------|---|----------------------------------|--|----------------------------------|
| <b>Display</b>                      | 4 digit, Liquid Crystal Display   | 4 digit, Liquid Crystal Display  | 3 digit, Liquid Crystal Display          | 3 digit, Liquid Crystal Display  |
| <b>Display Range</b>                | 0 - 6200A   | 0 - 6200A                        | 0 - 516V                                 | 0 - 300V                         |
| <b>Bargraph</b>                     | Analog style bargraph indication  | Analog style bargraph indication | Analog style bargraph indication         | Analog style bargraph indication |
| <b>Input Type</b>                   | AC  | AC                               | AC                                       | AC                               |
| <b>Input Range</b>                  | 50mA - 5A   | 50mA - 5A                        | 50 - 480V                                | 50 - 300V                        |
| <b>Measurement Type</b>             | True RMS  | True RMS                         | True RMS                                 | True RMS                         |
| <b>Continuous Max. Input Rating</b> | 6.2A  | 6.2A                             | 516V                                     | 300V                             |
| <b>Over-range indication</b>        | Input > 6.2A  | Input > 6.2A                     | Input > 516V                             | Input > 300V                     |
| <b>Frequency</b>                    | 50/60 Hz  | 50/60 Hz                         | 50/60 Hz                                 | 50/60 Hz                         |
| <b>Input Burden</b>                 | 0.5VA at 5A   | 0.5VA at 5A                      | -  | -                                |
| <b>Input Impedance</b>              | -   | -                                | 1M $\Omega$ ( $\pm$ 5%)                  | 1M $\Omega$ ( $\pm$ 5%)          |
| <b>Electrical Connection</b>        | 1 $\emptyset$ - 2 wire  | 3 $\emptyset$ - 4 wire           | 1 $\emptyset$ - 2 wire                   | 3 $\emptyset$ - 4 wire           |
| <b>Accuracy</b>                     | $\pm$ 0.5% of F.S. (CT primary setting)   |                                  | $\pm$ 0.5% of F.S.                       |                                  |
| <b>Resolution</b>                   | 0.001, 0.01, 0.1, 1A (Depending on CT Primary Setting)  |                                  | 1V                                       | 1V                               |
| <b>CT Primary Setting</b>           | 5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 80, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 630, 750, 800, 1000, 1200, 1500, 1600, 2000, 2250, 2500, 3000, 3200, 4000, 5000. (Default setting : 5A AC) |                                  | —  | —                                |
| <b>CT Secondary Setting</b>         | 5A Fixed  | 5A Fixed                         | —  | —                                |
| <b>Sampling Rate</b>                | 3 samples / second  | 3 samples / second               | 3 samples / second                       | 3 samples / second               |
| <b>Supply Voltage</b>               | 240V AC ( $\pm$ 20%)  | 240V AC ( $\pm$ 20%)             | 240V AC ( $\pm$ 20%)                     | 240V AC ( $\pm$ 20%)             |
| <b>Supply Variation</b>             | 0.75 to 1.25 x Vn   | 0.75 to 1.25 x Vn                | 0.75 to 1.25 x Vn                        | 0.75 to 1.25 x Vn                |
| <b>Power Consumption</b>            | 3VA maximum   | 3VA maximum                      | 3VA maximum                              | 3VA maximum                      |
| <b>Temperature</b>                  | Operating: 0 to 50°C, Storage: 0 to 70°C  |                                  | Operating: 0 to 50°C, Storage: 0 to 70°C |                                  |
| <b>Humidity (non-condensing)</b>    | 90% RH  | 90% RH                           | 90% RH                                   | 90% RH                           |
| <b>Weight</b>                       | MA501 : 113gm<br>MA201 : 138gm  | 163gm                            | MV507 : 165gm<br>MV207 : 194gm           | 206gm                            |
| <b>Size</b>                         | MA501 : 48 x 48mm<br>MA201 : 72 x 72mm  | MA2301 : 72 x 72mm               | MV507 : 48 x 48mm<br>MV207 : 72 x 72mm   | MV2307 : 72 x 72mm               |

All sizes mentioned are in mm unless specified otherwise. Specifications are subject to change without prior notice.