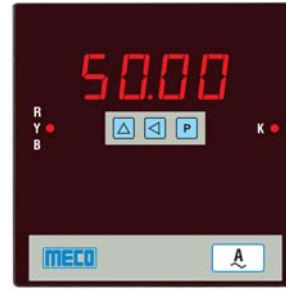




SMP35ASN - Ammeter



SMP35VSN - Voltmeter



SMP9635ASN - Ammeter



SMP9635VSN - Voltmeter

### Features

- 1A / 5A Input in same Meter (User Selectable)
- High Accuracy Across the Entire Range
- 9999 Count High Resolution Display
- Aux. Power Supply : 85-265V AC / DC
- Auto / Manual Scroll Display (User Selectable)
- 3P3W / 3P4W (User Selectable)
- LED Indication for R, Y, B, RY, YB, BR
- User Programmable Display / CTP / PTR
- Auto Selection of Decimal Point
- Auto Indication of KV & KA
- Setup / Programming Protected by Password

### Specifications

- |                               |   |                                   |  |
|-------------------------------|---|-----------------------------------|--|
| ● <b>Measuring Method</b>     | TRMS using Microcontroller  | ● <b>Frequency Response</b>       | 45 - 65Hz  |
| ● <b>Display Type</b>         | Red LED Super Bright Display  | ● <b>Environmental Conditions</b> | 0 to 55°C, < 70% RH (Operation)<br>-10 to 70°C, < 70% RH (Storage)<br>27°C ± 5°C (Calibration) |
| ● <b>Maximum Display</b>      | 4 Digit / 9999 Counts   | ● <b>Dielectric Strength</b>      | 2.5 kV at 50Hz for 1 min. between Input - Auxiliary & Case - Terminals                         |
| ● <b>Overload / Underload</b> | - OL - / - UL - Indication  | ● <b>Impulse Withstand</b>        | 3.5kV, 1.2 / 50 μs   |
| ● <b>Resolution</b>           | 0.001 to 1 Count Depending on Range   | ● <b>Case / Housing Material</b>  | Black ABS, Dimension as per DIN 43700  |
| ● <b>Sampling Rate</b>        | 3 Samples / Second  | ● <b>Connectors</b>               | Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals                      |
| ● <b>Maximum Overload</b>     | Voltage : 1.2 times continuous<br>Current : 2 times continuous                                  | ● <b>Display Stability</b>        | Within ± 2 Digits  |
| ● <b>Faceplate / Lens</b>     | Red Antiglare Faceplate with Annunciators   |                                   |  |
| ● <b>Mounting Clamps</b>      | Sturdy, Derline (Engineering plastic)   |                                   |  |
| ● <b>VA Burden (Typical)</b>  | Auxiliary : < 2VA / Phase<br>Voltage Input : < 0.1VA / Phase<br>Current Input : < 0.5VA / Phase |                                   |  |

Model	Input AC	Range (any one only)	Programmable Display / CTP / PTR	Aux. Power Supply		Accuracy ±(0.5% FSD + 2 dgts)	Digits (max.)	Display Digit Height
				85-265V AC / DC	19-90V AC / DC			
SMP35VSN SMP9635VSN	V	51 - 300V AC (PH-N)	1 - 9999	✓	-	✓	✓	✓
SMP35ASN SMP9635ASN	A	For 1A Range : 0.080 - 1.200A AC For 5A Range : 0.200 - 6.000A AC	1 - 9999 5 - 9999	✓	-	✓	✓	✓

Dimensions (mm)		
Model	SMP35VSN / SMP35ASN	SMP9635VSN / SMP9635ASN
Front	48 x 96	96 x 96
Depth (Behind Bezel)	88	90
Panel Cut-Out	44 <sup>(+0.5, -0.0)</sup> x 92 <sup>(+0.8, -0.0)</sup>	92 <sup>(+0.8, -0.0)</sup> x 92 <sup>(+0.8, -0.0)</sup>

**Ordering Information for Ammeter :** Model

**Ordering Information for Voltmeter :** Model

