

▶ Easy to Order

▶ Quick to Programme

▶ Pleasure to Use



SMP35ASN - Ammeter



SMP35VSN - Voltmeter



SMP9635ASN - Ammeter



SMP9635VSN - Voltmeter

### Features

- 1A / 5A Input in same Meter (User Selectable)
- High Accuracy Accros the Entire Range
- 9999 Count High Resolution Display
- Universal Aux. : 85-265 or 19-90 V AC / DC
- Auto / Manual Scroll Display (User Selectable)
- 3P3W / 3P4W (User Selectable)
- LED Indication for R, Y, B, RY, YB, BR
- User Programmable Display / CTR / PTR
- Auto Selection of Decimal Point
- Auto Indication of KV & KA
- Setup / Programming Protected by Password

### Specifications

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

Model	Input AC	Range (any one only)	Programmable Display / CTR / PTR	Universal Aux. Supply		Accuracy ±(0.5% FSD + 2 dgts)	Digits (max.)	Display Digit Height
				85-265V AC / DC	19-90V AC / DC			
SMP35VSN SMP9635VSN	V	50 - 500V AC	0 - 9999	✓	✓	✓	✓	✓
SMP35ASN SMP9635ASN	A	For 1A Range : 0.080 - 1.200A AC For 5A Range : 0.200 - 6.000A AC	0 - 9999	✓	✓	✓	✓	✓

Dimensions (mm)		
Model	SMP35VSN / SMP35ASN	SMP9635VSN / SMP9635ASN
Front	48 x 96	96 x 96
Depth (Behind Bezel)	88	38
Panel Cut-Out	44(+0.5, -0.0) x 92(+0.8, -0.0)	92(+0.8, -0.0) x 92(+0.8, -0.0)

**Ordering Information for Ammeter** : Model, Aux. Supply

**Ordering Information for Voltmeter** : Model, Aux. Supply

### Terminal Connection

