


SMP35S

SMP9635S
Specifications

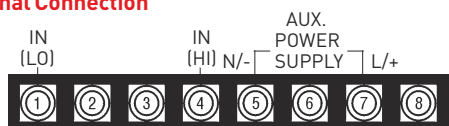
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|--------------------------------|--|----------------------------------|--|
| ● Measuring Method | Dual Slope A/D Conversion | ● Frequency Response | 40 - 400Hz |
| ● Sampling Rate | 2.5 Samples per Second | ● VA Burden (Typical) | Auxiliary (110 / 230V AC) : < 5VA
Auxiliary : < 2.5VA
Voltage : < 1.0VA
Current : < 1.0VA |
| ● Display Type | 0.56" / 14.2mm Red LED Super Bright Display | ● Dielectric Strength | 2.5 kV at 50Hz for 1 min. between
Input - Auxiliary - Case - Terminals |
| ● Maximum Display | 3½ Digit / 1999 Counts (Max) | ● Case / Housing Material | DIN Black ABS, Dimension as per DIN 43700 |
| ● Display Stability | Within ± 2 Digits | ● Mounting Clamps | Sturdy, Moulded ABS with suitable Hardware |
| ● Resolution | 0.001 to 1 Count depending on range | ● Connectors | Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals |
| ● Polarity Indication | " - " is indicated for Negative Input | ● Environment | Calibration : 27°C ± 5°C,
Operating : 0 to 50°C, RH < 70%
Storage : -10 to 60°C, RH < 70% |
| ● Decimal Selection | Field Selectable | | |
| ● Over Range Indication | " 1 " or " -1 " | | |
| ● Maximum Overload | Voltage : 1.2 times continuous
Current : 2 times continuous | | |
| ● Faceplate / Lens | Red Antiglare Faceplate with Annunciators | | |
| ● Crest Factor | 4 (max.) TRMS accuracy specified for sine wave input | | |

Model	Input		Range	Auxiliary Power Supply (Any One Only)			Accuracy Class
				110V AC	19-90V AC/DC	85-265V AC/DC	0.5
SMP35S / SMP9635S	DC	mV	0 - 200	✓	✓	✓	✓
		V	0 - 2, 20, 200, 1000	✓	✓	✓	✓
		mA	0 - 2, 20, 200	✓	✓	✓	✓
		A	0 - 1, 2, 5, 20	✓	✓	✓	✓
		Zero Supp.	4-20mA or 1 - 5V	✓	✓	✓	✓
		Re-Scaleable	0 - 5V / 10V DC, 1 - 5V DC, 0 - 20mA DC, 0 - 50 / 60 / 75mV, 4 - 20mA (any one) to display 0.100 to 1600 in 64 steps. Please suffix these models with RS as SMP35SRS or SMP9635SRS	✓	✓	✓	✓
	AC	V	0 - 2, 20, 200, 750	✓	✓	✓	✓
		A	0 - 1, 2, 5, 20	✓	✓	✓	✓
		Re-Scaleable	0 - 1A or 0 - 5A (any one) to display 0.100 to 1600 in 64 steps. Please suffix models with RS as SMP35SRS or SMP9635SRS	✓	✓	✓	✓

Ordering Information : Model, Input Range, Auxiliary Supply & Scale Display

Note : Tap Change Meter On Request

Standard : As per IS 13875

Terminal Connection

SMP35S / SMP9635S
Dimensions (mm)

Model	SMP35S	SMP9635S
Front	48 x 96	96 x 96
Depth (Behind Bezel)	88	90
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)