



SMP35S, SMP35ST



SMP9635S, SMP9635ST



SMPTC, SMPTCS



SMP96TC, SMP96TCS

Specifications

- | | |
|--|---|
| <ul style="list-style-type: none"> ● Measuring Method Dual Slope A/D Conversion ● Sampling Rate 2.5 Samples per Second ● Display Type Red LED Super Bright Display ● Maximum Display 1999 Counts ● Resolution 0.001 to 1 Count depending on range ● Polarity Indication “ - ” is indicated for Negative Input ● Decimal Selection Field Selectable ● Over Range Indication “ 1 ” or “ -1 ” ● Maximum Overload Voltage : 1.2 times continuous
Current : 2 times continuous ● Frequency Response 40 - 400Hz ● Faceplate / Lens Red Antiglare Faceplate with Annunciators ● Environment Calibration : 27°C ± 5°C,
Operating : 0 to 50°C, RH < 70%
Storage : -10 to 60°C, RH < 70% | <ul style="list-style-type: none"> ● Crest Factor 4 (max.) TRMS accuracy specified for sine wave input ● VA Burden (Typical) Auxiliary (110 / 230V AC) : < 5VA
Auxiliary (SMPS) : < 2.5VA
Voltage : < 0.1VA
Current : < 0.5VA, < 0.2VA in 20A ● Dielectric Strength 2.5 kV at 50Hz for 1 min. between Input - Auxiliary - Case - Terminals ● Case / Housing Material DIN Black ABS, Dimension as per DIN 43700 ● Mounting Clamps Sturdy, Moulded ABS with suitable Hardware ● Connectors Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals ● Display Stability Within ± 2 Digits |
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Model	Input	Range	Auxiliary Power Supply (any one only)			Accuracy Class				Digits (max.)		Display Digit Height	
			110 / 230V AC	SMPS-LV 19-90V AC/DC	SMPS-HV 85-265V AC/DC	0.1	0.2	0.5	1	2	3½	0.56"/ 14.2mm\	
SMP35S / SMP9635S (Data Hold -Optional)	DC	mV	0 - 200mV	✓	✓	✓	✓	-	-	-	-	✓	✓
		V	0 - 2, 20, 200V	✓	✓	✓	✓	-	-	-	-	✓	✓
		V	0 - 1000V	✓	✓	✓	-	-	✓	-	-	✓	✓
		mA	0 - 2, 20, 200mA	✓	✓	✓	-	✓	-	-	-	✓	✓
		A	0 - 2, 5, 20A	✓	✓	✓	-	-	✓	-	-	✓	✓
		Zero Supp.	4-20mA or 1 - 5V	✓	✓	✓	-	✓	-	-	-	✓	✓
		Re-Scaleable	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, 750V	✓	✓	✓	-	-	✓	-	-	✓	✓
		A	0 - 2, 5A	✓	✓	✓	-	-	✓	-	-	✓	✓
		A	0 - 20A	✓	✓	✓	-	-	-	✓	-	✓	✓
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	✓	✓	✓	-	-	✓	-	-	✓	✓	
SMP35ST / SMP9635ST	TRMS	V	0 - 2, 20, 200, 750V	✓	✓	✓	-	-	-	✓	-	✓	✓
		A	0 - 2, 5A	✓	✓	✓	-	-	-	✓	-	✓	✓
		A	0 - 20A	✓	✓	✓	-	-	-	✓	-	✓	✓



SMP9635AS



SMP9635VS33



SMP9635VS34

Model	Input		Range	Auxiliary Power Supply (any one only)		Accuracy Class			Digits (max.)	Display Digit Height	
				110 / 230V AC	24 / 48 / 110 / 220V DC	0.5	1	2		0.56" / 14.2mm	0.8" / 20mm
SMPTC / SMP96TC	DC	TAP Position	4 - 20mA DC from Transducer to Display "01 for 4mA DC" and "02 to 99 for 20mA DC".	-	✓	-	✓	✓	-	✓	-
SMP9635AS	AC	A - 3Phase	1A or 5A (any one only),	✓	✓	-	✓	-	✓	✓	✓
SMP9635VS33		V - 3Phase 2 Element 3Wire	63.5, 110, 230, 440 or 750V (any one only),	✓	✓	-	✓	-	✓	✓	✓
SMP9635VS34		V - 3Phase 3Element 4Wire	63.5, 110, 230, 440 or 750V (any one only),	✓	✓	-	✓	-	✓	✓	✓

Dimensions (mm)				
Model	SMP35S / SMP35ST	SMPTC	SMP9635S / SMP9635ST	SMP96TC / SMP9635AS / SMP9635VS33 / SMP9635VS34
Front	48 x 96	48 x 96	96 x 96	96 x 96
Depth (Behind Bezel)	88	135	90	135
Panel Cut-Out	44 ^(+0.5, -0.0) x 92 ^(+0.8, -0.0)	44 ^(+0.5, -0.0) x 92 ^(+0.8, -0.0)	92 ^(+0.8, -0.0) x 92 ^(+0.8, -0.0)	92 ^(+0.8, -0.0) x 92 ^(+0.8, -0.0)

Ordering Information : Model, Input Range, CTR / PTR (if any), Scale Display, Data Hold (Optional), Aux. Supply, Accuracy Class & Display Height

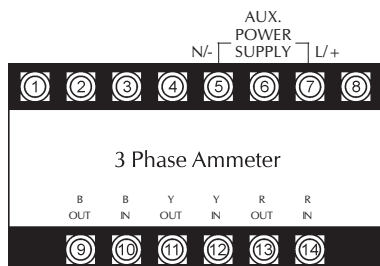
Terminal Connection



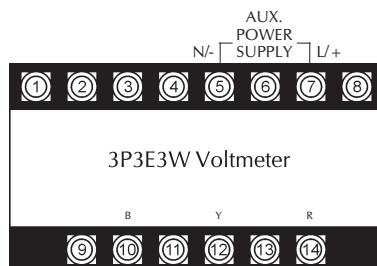
SMP35S / SMP9635S
SMP35ST / SMP9635ST



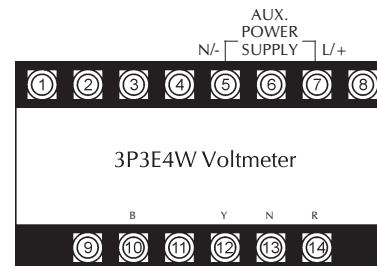
SMPTC / SMP96TC



SMP9635AS



SMP9635VS33



SMP9635VS34