



3½ Digit Digital Ammeter and Voltmeter



SMP35S, SMP35ST



SMP9635S, SMP9635ST



SMPTC

Introducing Soon SMPTCS



SMP96TC

Introducing Soon SMP96TCS

Specifications

- | | |
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| <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. "LED ON" for SMPTC. SMP96TC, SMPTCS & SMP96TCS ● 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 ● Crest Factor 4 (max.) TRMS accracy specified for Sine wave input | <ul style="list-style-type: none"> ● Environment Calibration : 27°C ± 5°C,
Operating : 0 to 50°C, RH < 70%
Storage : -10 to 60°C, RH < 70% ● VA Burden (Typical) Auxiliary (110 / 230V AC) : < 5VA
Auxiliary (SMPS) : < 2.5VA
Voltage Input : < 0.1VA
Current Input : < 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 |
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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	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 100 to 1600 in 64 steps. Please suffix these models with RS as SMP35SRS or SMP9635SRS	✓	✓	✓	-	✓	-	-	-	✓	✓
SMP35ST/ SMP9635ST	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 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	✓	✓	✓	-	-	-	✓	-	✓	✓