

4%o Digit Digital Ammeter and Voltmeter



SMP45S, SMP45ST



SMP9645S
SMP9645ST



SMP72x14445,
SMP72x14445T

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 19999 Counts Resolution 0.0001 to 1 Count depending on the range Polarity Indication " - " is indicated for negative input Decimal Selection Field Selectable Over Range Indication "0000" blinking Maximum Overload Voltage : 1.2 times continuous Current : 2 times continuous VA Burden (Typical) Auxiliary (110 / 230V AC) : < 5VA Auxiliary (SMPS) : < 2.5VA Voltage Input : < 0.1VA Current Input : < 0.5VA, < 0.2VA in 20A Frequency Response 40 - 400Hz 	<ul style="list-style-type: none"> Crest Factor 4 (max.) TRMS accuracy specified for sine wave input 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% Dielectric Strength 2.5 kV at 50Hz for 1 min. between Input - Auxiliary - Case - Terminals Case / Housing DIN Black ABS, Dimension as per DIN 43700 Material Sturdy, Moulded ABS with suitable Hardware Mounting Clamps Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals Connectors The Meter reads fluctuations in the Input signal within 5 counts (0.025%) Note
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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			
SMP45S / SMP9645S	DC	mV	0 - 200mV	ü	ü	ü	-	ü	ü	ü	ü	ü
		V	0 - 2, 20, 200V	ü	ü	ü	-	-	ü	ü	ü	ü
		V	0 - 1000V	ü	ü	ü	-	-	ü	ü	ü	ü
		mA	0 - 2, 20, 200mA	ü	ü	ü	-	-	ü	ü	ü	ü
		A	0 - 2, 5A	ü	ü	ü	-	-	ü	ü	ü	ü
	Zero Supp.	4-20mA or 1 - 5V	ü	ü	ü	-	-	ü	ü	ü	ü	
	AC	V	0 - 2, 20, 200, 750V	ü	ü	ü	-	-	ü	ü	ü	ü
A		0 - 2, 5A	ü	ü	ü	-	-	ü	ü	ü	ü	
SMP45ST / SMP9645ST	TRMS	V	0 - 2, 20, 200, 750V	ü	ü	ü	-	-	-	ü	ü	ü
A		0 - 2, 5A	ü	ü	ü	-	-	-	ü	ü	ü	

Dimensions (mm)					
Model	SMP45S / SMP45ST	SMP9645S / SMP9645ST	SMP72x14445 / SMP72x1444 5T	SMP14445 / SMP14445T	SMP96x28845
Front	48 x 96	96 x 96	72 x 144	144 x 144	96 x 288
Depth (Behind Bezel)	88	90	130 (standard) 93(introducing soon)	59	77
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)	68 ^(+0.8, -0.0) x 138 ^(+0.8, -0.0)	138 ^(+0.8, -0.0) x 138 ^(+0.8, -0.0)	92 ^(+0.8, -0.0) x 282 ^(+0.8, -0.0)

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