



SMP72x14445S, SMP72x14445ST



SMP96x28845

Specifications

- **Measuring Method** Dual Slope A/D Conversion
- **Sampling Rate** 2.5 Samples per Second
- **Display Type** Red LED Super Bright Display
- **Maximum Display** 4½ Digit / 19999 Counts (Max.)
- **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 : < 2.5VA
Voltage Input : < 1.0VA
Current Input : < 1.0VA
- **Frequency Response** 40 - 400Hz
- **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 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

Model	Input		Range	Auxiliary Power Supply (Any One Only)	Accuracy Class		Display Digit Height	
					0.5	1	1.0"/ 25.4mm	2.3"/ 58mm
SMP72x14445S / SMP96x28845S	DC	mV	0 - 200	85-265V AC/DC @ 50/60Hz OR 19-90V AC/DC @ 50/60Hz (Optional)	✓	✓	✓	-
		V	0 - 2, 20, 200		✓	✓	✓	-
		V	0 - 1000		✓	✓	✓	-
		mA	0 - 2, 20, 200		✓	✓	✓	-
		A	0 - 1, 2, 5		✓	✓	✓	-
		Zero Supp.	4-20mA or 1 - 5V		✓	✓	✓	-
	AC	V	0 - 2, 20, 200, 750		✓	✓	✓	-
A		0 - 1, 2, 5	✓	✓	✓	-		
SMP72x14445ST	AC TRMS	V	0 - 2, 20, 200, 750	-	✓	✓	-	
		A	0 - 1, 2, 5	-	✓	✓	-	

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

Standard: As per IS 13875

Dimensions (mm)		
Model	SMP72x14445S / SMP72x14445ST	SMP96x28845
Front	72 x 144	96 x 288
Depth (Behind Bezel)	93	77
Panel Cut-Out	68 ^(+0.8, -0.0) x 138 ^(+0.8, -0.0)	92 ^(+0.8, -0.0) x 282 ^(+0.8, -0.0)

