



SMP355



SMP9635S

Specifications

- | | | | |
|--------------------------------|---|----------------------------------|--|
| ● Measuring Method | Dual Slope A/D Conversion | ● Crest Factor | 4 (max.) TRMS accuracy specified for sine wave input |
| ● 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 | Red LED Super Bright Display | ● Dielectric Strength | 2.5 kV at 50Hz for 1 min. between Input - Auxiliary - Case - Terminals |
| ● Maximum Display | 1999 Counts | ● Case / Housing Material | DIN Black ABS, Dimension as per DIN 43700 |
| ● Resolution | 0.001 to 1 Count depending on range | ● Mounting Clamps | Sturdy, Moulded ABS with suitable Hardware |
| ● Polarity Indication | " - " is indicated for Negative Input | ● Connectors | Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals |
| ● Decimal Selection | Field Selectable | ● Display Stability | Within ± 2 Digits |
| ● 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% | | |

Model	Input	Range	Auxiliary Power Supply (any one only)			Accuracy Class			Digits (max.)	Display Digit Height	
			110V AC	19-90V AC/DC	85-265V AC/DC	0.2	0.5	1			
SMP355 / SMP9635S	DC	mV	0 - 200mV	✓	✓	✓	✓	-	-	✓	✓
		V	0 - 2, 20, 200V	✓	✓	✓	✓	-	-	✓	✓
		V	0 - 1000V	✓	✓	✓	-	✓	-	✓	✓
		mA	0 - 2, 20, 200mA	✓	✓	✓	✓	-	-	✓	✓
		A	0 - 1, 2, 5, 20A	✓	✓	✓	-	✓	-	✓	✓
		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 SMP355SRS or SMP9635SRS	✓	✓	✓	-	✓	✓	✓	✓
	AC	V	0 - 2, 20, 200, 750V	✓	✓	✓	-	✓	-	✓	✓
		A	0 - 1, 2, 5A	✓	✓	✓	-	✓	-	✓	✓
		A	0 - 20A	✓	✓	✓	-	-	✓	✓	✓
Re-Scaleable		0 - 1A or 0-5A (anyone) to display 0.100 to 1600 in 64 steps. Please suffix models with RS as SMP355SRS or SMP9635SRS	✓	✓	✓	-	✓	-	✓	✓	

CE



SMP355T



SMP96355T



SMPTC



SMP96TC

Model	Input		Range	Auxiliary Power Supply (any one only)			Accuracy Class	Digits (max.)	Display Digit Height
				110V AC	19-90V AC/DC	85-265V AC/DC			
SMP355T / SMP96355T	AC TRMS	V	0 - 2, 20, 200, 750V	✓	✓	✓	✓	✓	✓
		A	0 - 1, 2, 5, 20A	✓	✓	✓	✓	✓	✓

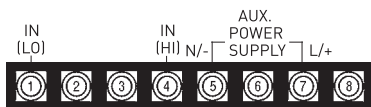
Tap Changer DPM

Model	Input		Range	Auxiliary Power Supply (any one only)		Accuracy Class	Digits (max.)	Display Digit Height
				110 / 230V AC	24 / 48 / 110 / 220V DC			
SMPTC / SMP96TC	DC	TAP Position	4 - 20mA DC from Transducer to Display "01 for 4mA DC" and "02 to 99 for 20mA DC".	-	✓	✓	✓	✓

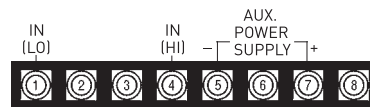
Dimensions (mm)				
Model	SMP355 / SMP355T	SMPTC	SMP96355 / SMP96355T	SMP96TC
Front	48 x 96	48 x 96	96 x 96	96 x 96
Depth (Behind Bezel)	88	135	90	135
Panel Cut-Out	44 ^(+0.5, -0.0) x 92 ^(+0.8, -0.0)	44 ^(+0.5, -0.0) x 92 ^(+0.8, -0.0)	92 ^(+0.8, -0.0) x 92 ^(+0.8, -0.0)	92 ^(+0.8, -0.0) x 92 ^(+0.8, -0.0)

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

Terminal Connection



SMP355S / SMP96355S
SMP355T / SMP96355T



SMPTC / SMP96TC