

3‰ Digit Ammeter & Voltmeter



SM9635SD



SM35SD

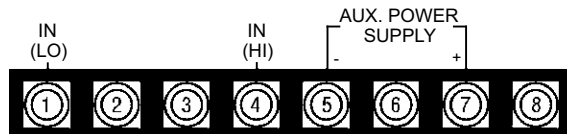
Specifications

Measuring Method	Dual Slope A/D Conversion	VA Burden (Typical)	Auxiliary : < 1.0VA Voltage Input : < 0.1VA, Current Input : < 0.5VA
Sampling Rate	2.5 Samples per Second	Faceplate / Lens	Red Antiglare Faceplate with Annunciators
Display Type	14.2mm/0.56" Digit Height, Red LED(Standard)	Dielectric Strength	2.5 kV at 50Hz for 1 min. between Case - Terminals
Maximum Display	1999 Counts for 3‰ Digit Meters	Case / Housing Material	DIN Black ABS, Dimension as per DIN 43700
Resolution	0.001 to 1 Count for 3‰ depending on the 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		
Over Range Indication	" 1 " or " -1 " for 3‰ Digit Meters		
Maximum Overload	Voltage : 1.2 times continuous Current : 2 times continuous		
Environment	Calibration : 27°C – 5 °C, Operating : 0 to 50°C, RH < 70% Storage : -10 to 60°C, RH < 70%		

Display / Digits (max.)	3‰ Digits, 1999 Counts		
Digit Height	14.2mm/0.56" (Standard)		
Ranges	Models	SM9635SD	SM35SD
DC	mV V mA mA A Zero Suppressed	0 - 200 mV 0 - 2, 20, 200, 1000 V 0 - 200 mA 0 - 2, 20, 200 mA 0 - 2, 5, 20 A 4 - 20 mA or 1 - 5 V	
Auxiliary Power Supply	Standard: 5VDC – 10%		
Accuracy (Specified at 27 – 5°C) – (%rdg + dgt)	V DC	(0.1 + 2)	
	ADC	(0.2 + 2) in all ranges except (0.3 + 2) in 2 A & 5 A (0.5 + 2) in 20 A	
Dimensions(mm)	Front	96 x 96	48 x 96
	Depth (Behind Bezel)	90	88
	Panel Cut-Out	92 ^(+0.8, -0.0) x 92 ^(+0.8, -0.0)	44 ^(+0.5, -0.0) x 92 ^(+0.8, -0.0)

Ordering information : Model, Input Range, Scale Display & Optionals

Terminal Connection



SM9635SD / SM35SD

MADHU SUBTRONIC COMPONENTS PVT. LTD.

Off:- 1 st Floor, Krishna Bldg ; Shamrao Vithal Lane,

Off. Lamington Rd ; Mumbai - 400 007

Tel:- + 91 22 2380 0783/ 2386 4484/ 2387 6707, Fax:-+91 22 2387 6729

Email:- mscpl@vsnl.com ; Website:- www.mscpl.com