



SL

SMART BASIC METER

Ammeter | Voltmeter | VAF Meter | Power Meter

FOR COST EFFECTIVE AND EASY INSTALLATION
WITH FULL PROGRAMMABILITY AT SITE!

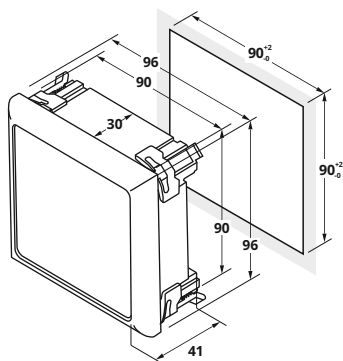
Features:

- True RMS
- Average & phase wise information
- Measurement range 20mA to 6A
- Programmable primary / secondary for both Voltage & Current making wider range of operations – stocking becomes simple
- Universal Auxiliary input 40-300V AC/DC
- Built in power supply for SL V and 3V
- Auto-scrolling
- Auto-scaling of decimal point
- Low PT. CT burden
- Alerts for 120% Over Voltage, 80% Under Voltage & 100% Over Current in 3 row models
- Voltage & Current terminal on opposite side for safety and easy wiring

Additional Features:

- 4 Digits 1 row, 14 mm height bright red LED for 1 row
- 4 Digits 3 row, 14 mm height bright red LED for SL 1300/1330/1340/4300
- Patented alpha numeric display 4 Digits, 3 row, 14 mm height
- Simultaneous sampling of Volts & Amps
- Displays more than 13 basic parameters i.e, VLL, VLN, A, Hz
- RPM measurement for generator in SL 1300/4300
- W, VA, VAR, PF parameters available in SL 4300
- Voltage Indicating lamp and alarm indication in SL 1140

Mechanical Specification



Parameters:

	SL A	SL V	SL 3A *	SL 3V *	SL 1140	SL 1330	SL 1340	SL 1300	SL 4300
INSTANTANEOUS									
V		✓		✓	✓		✓	✓	✓
V1 V2 V3 V12 V23 V31				✓	✓		✓	✓	✓
A	✓		✓					✓	✓
A1 A2 A3			✓			✓		✓	✓
Hz				✓	✓		✓	✓	✓
RPM								✓	✓
PF PF1 PF2 PF3								✓	✓
W W1 W2 W3									✓
VA VA1 VA2 VA3									✓
VAR VAR1 VAR2 VAR3									✓
OPTIONAL									
Class 0.5						✓	✓	✓	✓
Class 0.2						✓	✓	✓	
50A projection CT						✓		✓	
100, 200A hanging CT						✓		✓	
Tamper proof	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indicator					✓				
Alarm Indication					✓	✓	✓	✓	

*Optional 0.8" display available for SL 3A & 3V. (MOQ applies)
SL ADC and VDC also available.

Technical Specification:

Specification	Description
Accuracy:	Class 1.0 (Default) Class 0.5 (Option). Frequency 0.5% default.
Sensing/ Measurement:	True RMS, 1 Sec. update time
Input Voltage:	4 Voltage inputs (V1 V2 V3 Vn); (Range 80 to 550V LL) PT primary programmable upto 999kV Nominal 415V LL (415/415 in SL 4300) <i>Burden:</i> 0.2VA Max. per phase
Input Frequency:	45 - 65 Hz
Input Current:	Current inputs (A1 A2 A3) 20mA - 6A (Field configurable 1A or 5A). Primary programmable up to 99kA (8000A in SL 4300) <i>Overload:</i> 10A max continuous, 50A max for 3 Sec <i>Burden:</i> 0.2VA Max, per phase.
Aux-Supply (control power):	180-300V AC (Self powered 3V and V meters) 40-300V AC / DC optional, 24V DC optional. <i>Burden:</i> 4 VA Max
Display resolution:	4 digits display with 14mm height
Weight:	Unpacked: 275 gms, Packed: 350 gms
Torque	1 N-m
Wire gauge	11 AWG