



BASIC METERS

Basic VAF meters for reliable and cost-effective panels.

SIMULTANEOUS DISPLAY OF VAF PARAMETERS FOR EASY VERIFICATION.

- 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

QUICKLY IDENTIFY POTENTIAL ISSUES SUCH AS OVERLOADING OR UNDERLOADING.

- Auto-scrolling
- **Auto-scaling** of decimal point
- Low PT. CT burden
- **Voltage & Current terminal on opposite side** for safety and easy wiring

EASY INDICATION OF POWER SYSTEM AVAILABILITY.

- Basic meter in **slim construction** (30mm depth)
- **Patented alpha numeric display** 4 Digits, 3 row, 14 mm height
- Simultaneous sampling of Volts & Amps

VAF + PF Meter

(JEO 1300)



- Universal Auxiliary (40-300V AC/DC) supply
- Universal Voltage Input (80-550V AC)
- Current Secondary (20mA to 6A)
- Average and Phase wise measurement
- Voltage and current terminals are opposite to each other for safety and easy wiring
- Patented alpha numeric display for better visibility

Ammeter

(JEO 3A)



- Universal auxiliary input of 40 - 300V AC/DC
- Current Average & Phase wise
- Field programmable CT primary and Secondary
- Available in 96 x 96mm

Voltmeter

(JEO 3V)

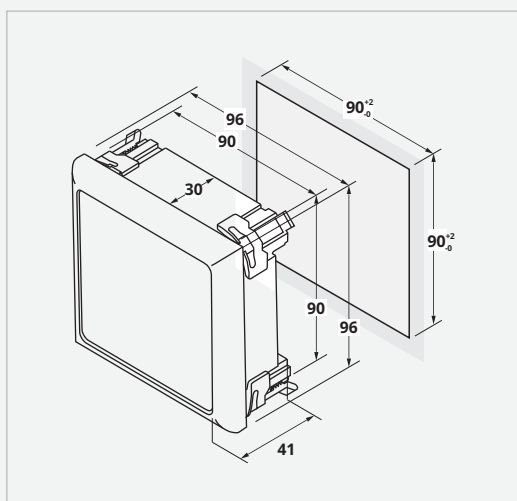


- Universal Auxiliary (40-300V AC/DC) supply
- Average and phase wise measurement
- Available in 96 x 96mm
- Frequency can be measured

Model Selector Table

	SL 3A	SL 3V	SL 1300
ACCURACY CLASS			
CLASS 1.0 (Default)		✓	✓
INSTANTANEOUS			
V		✓	✓
V1 V2 V3 V12 V23 V31		✓	✓
A	✓		✓
A1 A2 A3	✓		✓
Hz		✓	✓
RPM			✓
PF PF1 PF2 PF3			✓
kWh			
DC Volts			
DC Amps			
OPTIONAL			
Communication - RS485			✓

Mechanical Specification



Technical Specification

Specification	Description
Accuracy:	Class 1.0 (Default) - EC 62053-21, Class 0.5 (Optional) - EC 62053-22. Frequency 0.2% 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 <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 <i>Overload:</i> 10A max continuous, 50A max for 3 Sec <i>Burden:</i> 0.2VA Max, per phase.
Aux-Supply (control power):	40-300V AC/DC. 24V DC optional for selected models on request (MOQ). <i>Burden:</i> 4 VA Max
Protection Class: Ingress protection	IP 51 (IP 54 front facia optional) & Double Insulation (As per IEC 61010-1)
Display resolution:	4 digits display with 14mm height
Weight:	Size 96 x 96mm - Unpacked: 275 gms, Packed: 350 gms
Torque:	1 N-m
Wire gauge:	11 AWG
Operating Temperature:	-10°C to + 55°C (14°F to 131°F).
Storage Temperature:	-25°C to + 70°C (-13°F to 158°F)