

General

Multimeter are designed to display single phase current, voltage and frequency.

Usage of Device and Working Principle

Make the connections according to the diagram. Connect the current transformers before electric charges to be connected to the system. Current transformers don't sense voltages which connected before them. Apply max 5 A the current inputs.

Press the menu button once the energy given to the device. Please enter the current value that you are using by pressing up – down buttons, to save it please press menu button once again. If the current transformer value is over 1000/5 please be sure that you can see the kA leds. Under normal working circumstances when the current value is over 1000A kA led that belongs to that phase gets on. You can observe the current values at the system trough the display group of the screen. You can see the current, voltage, frequency at the display group.

Maintenance

Switch off the device and release from connections. Clean the trunk of device with a swab. Don't use any conductor or chemical might damage the device. Make sure device works after cleaning.

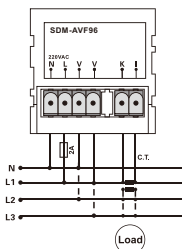
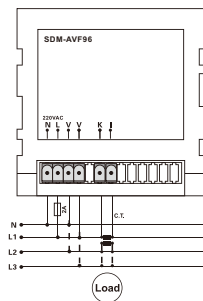
Warnings

- Please use the device according to the manual.
- Don't use the device in wet.
- Include a switch and circuit breaker in the assembly.
- Put the switch and circuit breaker nearby the device, operator can reach easily.
- Mark the switch and circuit breaker as releasing connection for device.

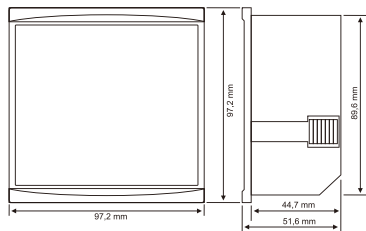
Technical Specifications:

Operating Voltage(Un).....	150V – 240VAC
Operating Frequency.....	50/60Hz.
Operating Power.....	<4VA
Operating Temperature.....	-20°C + 55°C
Measurement Range.....	100mA – 5.5A
Current Measuring Range.....	10/5A.....9995/5A
Voltage Measuring Range.....	10-500V
frequency Measuring Range.....	1 – 400Hz
Measurement Precision.....	±% 1
Display.....	3x3 digit 14mm display
Connection Type.....	Plug – in terminal
Cable Diameter.....	1.5mm ²
Weight.....	Max. 220gr.
Panel Hole.....	91x96mm(96), 68x68mm(72)
Mounting.....	Panel front mounted
Operating Altitude.....	<2000meter

Connection diagram



Dimensions for SDM-AVF96



Dimensions for SDM-AVF72

