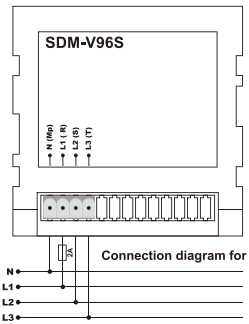
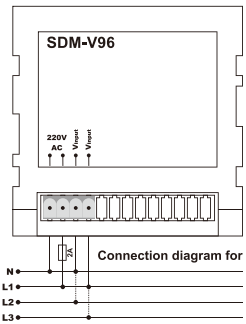
General

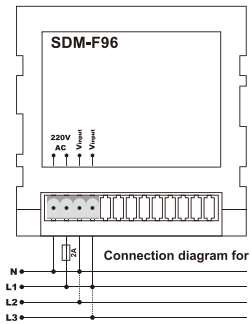
Voltmeter isdesigned to watch voltage between phase-neutral and phase-phase.
Selective voltmeter is designed to watch voltage between 3 pahse-neutral and 3 phase-phase in one device.
Frequensymeter is designed to watch frequency between pahse-neutral or phase-phase.



Connection diagram for SDM-VXXS



Connection diagram for SDM-VXX



Connection diagram for SDM-FXX

Usage of Device and Working Principle

Make the connections according to the diagram.
Voltmeter display the voltage comes to inputs when power is on. Input can be connected by phase-neutral or phase-phase.
Selective Voltmeter display voltage between L1-N and L1 led switches on when the power is on. You can see voltages between L2-N, L3-N, L1-L2, L2-L3 and L1-L3 by pressing the button on the panel. Related Led will switch on refer to the voltage displayed.
Frequencymeter display frequency between phase-neutral or phase-phase comes to the inputs when power is on.

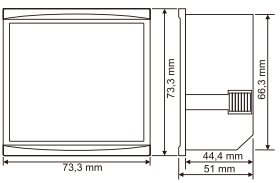
Maintenance

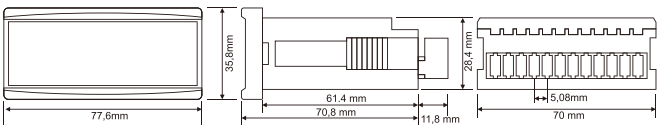
Switch off the device and release from connections. Clean the trunk of device with a swab. Don't use any conductor or chemical might damage the device. Make sure device works after cleaning.

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.

Dimensions for SDM-V72 / SDM-F72 / SDM-V72S



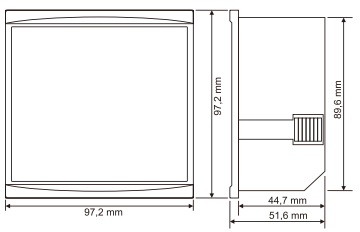


Dimensions for SDM-V36 / SDM-F36

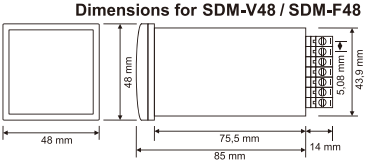
Tecnical Specifications:

Operating Voltage(Un):.....:140V - 270V AC
Operating Frequency.....:50/60 Hz.
Operating Power.....:<6VA
Operating Temperature.....:-20°C.....+55°C
Frequency Measurement Range..:1 - 400Hz (15V - 500V AC / SDM-FXX)
Voltage Measurement Range.....:0V - 500V AC(SDM-VXX ve SDM-VXXS)
Measurement Precision.....:±%1
Display.....:20mm(96),14mm(72, 36) ve 9mm(48) display
Connection Type.....:Plug-in terminal
Cable Diameter.....:1,5mm²
Weight.....: Max. 220gr.
Panel Hole Sizes.....:91x91mm(96), 68x68mm(72),
46x46mm(48) and 31mmx72mm(36)
Protection Class.....: Front panel IP 41, Body IP 00
Mounting.....:Panel front mounted
Operating Altitude.....:<2000meter

Dimensions for SDM-V96 / SDM-F96 / SDM-V96S



Dimensions for SDM-V48 / SDM-F48



Document Number: SDM-VF(ENG-VN)

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