

General

- DV-DIN it is designed to observe the voltage range between phase-phase or phase and neutral.
- DF-DIN it is designed to observe the frequency range between phase-phase or phase and neutral.
- DA-DIN it is designed to observe value of current that any of a load maintains.
- DAV-72 it is designed to observe voltage between phase and neutral or any of the value that current maintains constantly.

Use of Device and Working Principle

Please make the connections according to the schema.

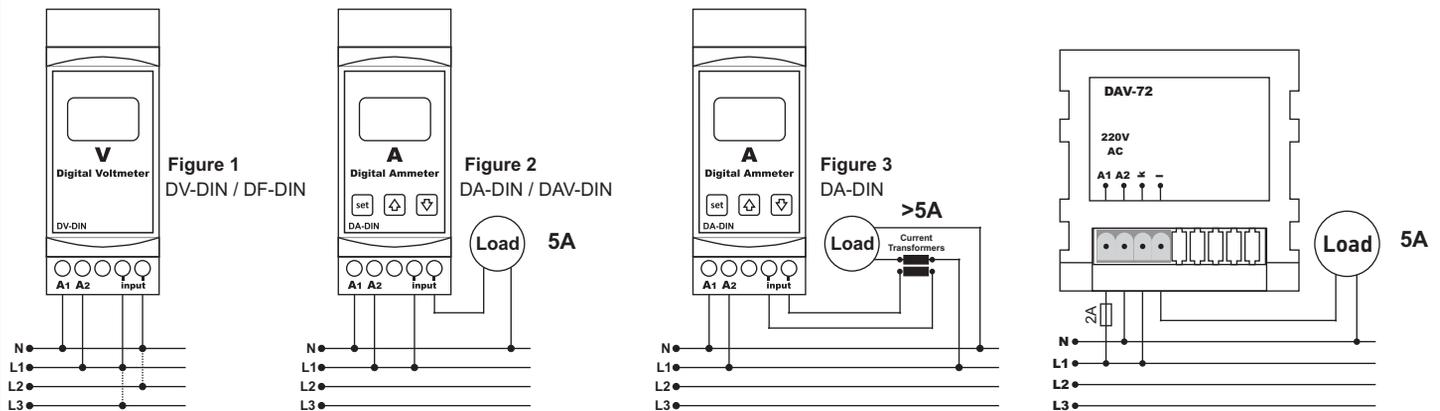
DV-DIN, the values between phase-phase or phase neutral is shown on the display when the energy of a product is being activated.

DF-DIN, the values between phase-phase or phase neutral is shown on the display when the energy of a product is being activated.

DA-DIN, Please press the 'set' button after the energy of a product is being activated. Please insert the current transformer value by pressing up and down buttons and press the set button once again. If the current value on the load will be under 5A you can connect the device according to the 'figure 2' without using current transformer. Current transformer value is 50/5A regarding to the factory settings, please adjust this value to 5A. After adjusting the current transformer value you can see the current directly on the display.

DAV-72, Please press the set button after the device is energized. Insert the current transformer value by pressing up and down buttons and press the set button once again. If the current value on the load will be under 5A you can connect the device according to the 'figure 2' without using current transformer. Current transformer value is 50/5A regarding to the factory settings, please adjust this value to 5A. After the current transformer value is being set you can see the loads current value on the 1st display, and the (A1,A2) voltage values can be seen on the 2nd display.

Connection diagrams



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.

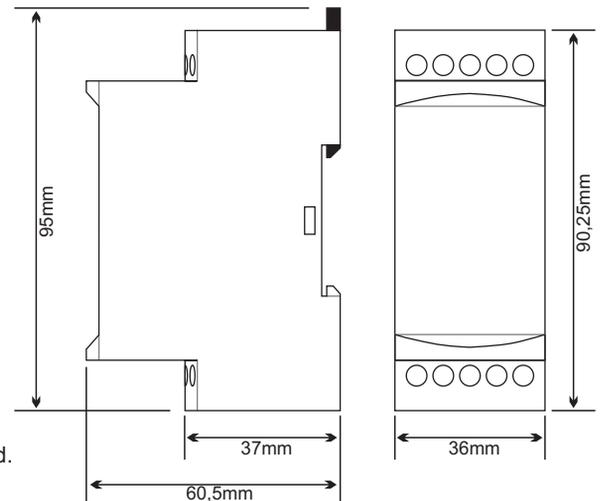
Warnings

- 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 Specification:

Working Voltage.....:	140V-280V AC
Working Frequency.....:	50/60 Hz.
Working Power.....:	<3VA
Working Temperature.....:	-20°C.....+55°C
Display.....:	1 x 3 Digit Display, 2 x 3 Digit Display(DAV-72)
Measuring Range.....:	0V - 500V (DV-DIN) / 1 - 400Hz (15V - 500V AC)(DF-DIN) 150V - 270V(DAV-DIN) 0,15A - 5A (DA-DIN / DAV-DIN) 10/5A,----995/5A Current transformers can be connected.
Connection Diagrams.....:	Terminal connection, Plug-in terminal (DAV-72)
Cable Diameter.....:	2,5mm ²
Weight.....:	135 - 155 Gr.
Ingress Protection Rating.:	IP30
Working Altitude.....:	<2000m
Mounting.....:	DIN-rail mounting or vertical wall mounting, Front panel mounted (DAV-72)

Dimensions for DIN



Dimensions for DAV-72

