

General

Designed to monitorize voltage between phase-neutral and phase-phase. The device also shows phase sequence.

Usage of Device and Working Principle

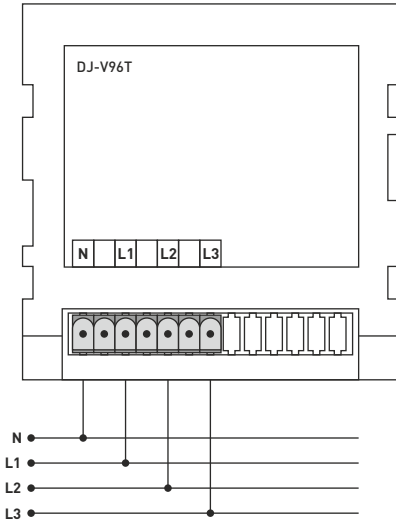
Make the connections according to the diagram. When the device is energized, the display shows the voltage values at inputs L1, L2 and L3.

When there is voltage values belonging to phases L1, L2 and L3 on the screen, when the SELECT button is pressed, the device displays the L12, L23, L31 phase-to-phase voltage values on the screen. When SELECT button is pressed again, the device will show the phase sequence.

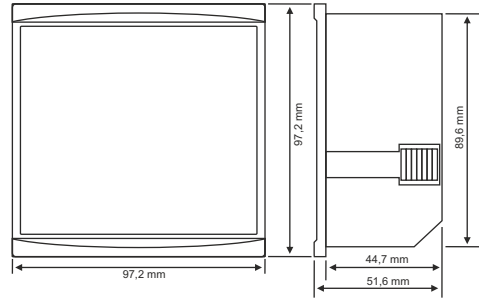
If the phase sequence is correct, L1, L2, L3 will be written from top to bottom in the display.

If the phase sequence is reversed, L1, L3, L2 will be written from top to bottom in the display.

Connection Diagram



Dimensions



Technical Specifications:

Operating Voltage(Un).....: 140V - 300V AC

Operating Frequency.....: 50/60 Hz.

Operating Power.....: <4VA

Operating Temperature.....: -20°C.....+55°C

Meas. Range (L-N).....: 5V - 300V AC (The voltage in L1 must be at least 140V)

Meas. Range (L-L).....: 5V - 500V AC

Measurement Precision: ±%1

Display.....: 3x3 digit 14mm display

Connection Type.....: Plug-in terminal

Cable Diameter.....: 1,5mm²

Weight.....: Max. 300gr.

Panel Hole Sizes.....: 91x91mm

Mounting.....: Panel front mounted

Operating Altitude.....: <2000meter

Contacts: www.tense.com.tr info@tense.com.tr

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.