

General

STR-6DN and STR-6DF timer relays are used in all fields (industry, house, plant etc.) need controls related to the time.

Usage of Device and Working Principle

Make the connections according to the diagram.

Knob (Time Steps): Time range selection

Knob (t): Time value.

Example: Time is 75 minutes.

Make "Time Steps" knob to 100m (100 minutes) and make "t" knob between 7-8. In this case time is adjusted to 75 minutes.

Note: In order to set much accurate higher time values, set low unit by "Time steps" knob and increase the knob to the time required.

Example: Time is 25 hours.

"Time steps" knob to 10s (10 seconds) and "t" knob between 2-3. Make power on and check

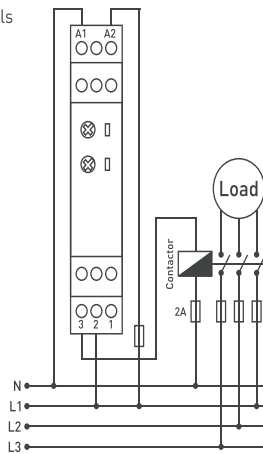
with a chronometer for 2.5 seconds. If it is high or low, set "t" knob again. Re-check the device.

Make the "Time steps" knob 100h (100 hours).

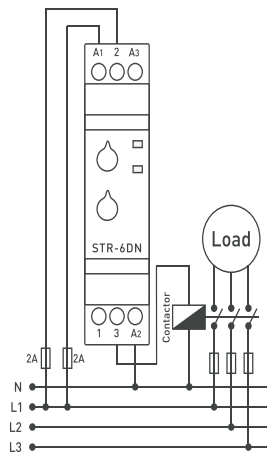
In this case, you set it more sensitive. After setting the time, power on the device.

Device will start timing and meanwhile led switches on-off. When device is timing contact out is (NC) 1. When the timing finish (set time is up) relay led light is switches on and contact out is (NO) 3. Device keeps stable till the power is off.

Connection diagram for STR-6DF



Connection diagram for STR-6DN



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-260V AC 24V DC· 12V-240V AC/DC (STR-6DF)

Operating Frequency : 50/60 Hz.

Operating Power : <4VA

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

Time(t) : 10sec, 100sec, 10min, 100min, 10hr. and 100hours

Display : On led and Out(RLY) led

Connection Type : Terminal connection

Weight : Max. 120gr.

Contact : 5A/250V AC (Resistive Load)

Mounting : Assembled on the din rail.

Operating Altitude : <2000meter

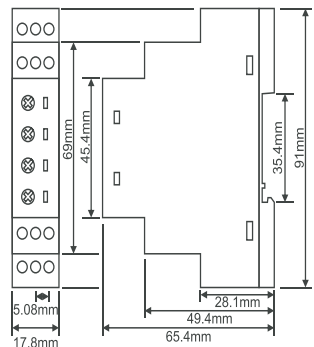
Cable Diameter : 2,5mm², 1,5mm² (STR-6DF)

STR-6DN/STR-6DF

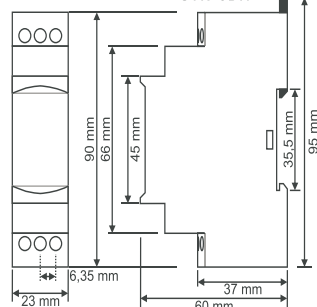
Stage Values

- A: 10/sec.
- B: 100/sec.
- C: 10/min.
- D: 100/min.
- E: 10/hours
- F: 100/hours

Dimensions for STR-6DF



Dimensions for STR-6DN



Document Number: STR-6DN and STR-6DF