

General

Voltage control relays are designed to avoid the failures of network voltage for the devices which have sensitive working voltage.

Using Manual and Working Principle

Make the connections of the device in accordance with the connection type. Adjust the necessary settings of the device according to the load you will use. When the device is energized, if the voltage values are normal according to the set values, the relay is energized and the relay led turns on. In this position, the device gives output to the (NO) 3 contact. When the voltage values go out of normal, it waits for the set time and then the relay is de-energized and the relay led turns off. In this position, the device gives an output to the (NC) 1 contact.

In **GK-04F** and **GK-04S** models, when the phase sequence is reversed, the relay is de-energized.

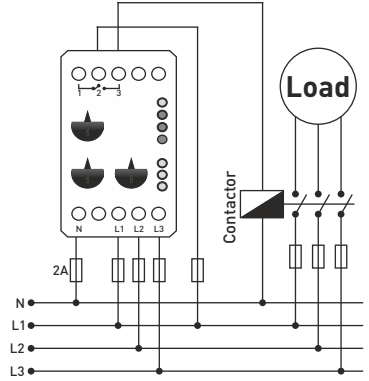
In **GK-04/04F/04S** models, related leds light up in case of errors such as high/low voltage and phase interruption.

GK-04/04F/04S: High-low voltage and time can be adjusted.

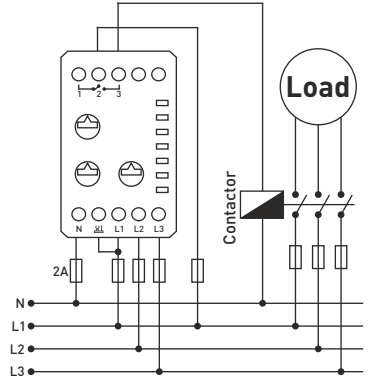
GK-03: High voltage and time adjustable.

NOTE: If you want to disable the phase sequence feature in the GK-04S model, short-circuit the Δ and L1 terminals on the device. You can examine the diagram on the right for the connection type.

Connection Diagram for
GK-03/04/04F/04S



Connection Diagram for GK-04S
(Disables the Phase Sequence feature)



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.

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.

Technical Specifications

Operating Voltage	: 3x380V AC 50/60Hz.
High Voltage	: 400V - 460V AC
Low Voltage	: 260V - 360VAC, 95V AC (GK-03)
Delay Time	: 0,1 sec. - 20 sec.
Operating Power	: <6VA
Operating Temp.	: -20°C.....+55°C
Display	: 3x LEDs (GK-03), 6x LEDs (GK-04), 7x LEDs (GK-04F/04S)
Connection Type	: Assembled on the din rail.
Weight	: 0,210 kg.
Contact	: 5A 250VAC Resistive Load
Operating Altitude	: <2000m
Cable Diameter	: 2,5mm ²

Dimensions

