

General

FKV-03N phase failure relay are designed to avoid any failure of three phase motors(which works phase sequence) caused from network.

Usage of Device and Working Principle

Make the connections according to the diagram. When power is on and phases in normal values and phase sequences are correct relay pulls and relay led is switched on. In this case, contact out is (NO)3 pole. Any of the phases increases or decreases than normal values or phase sequence connection is wrong relay releases and led switches off. In this case contact out is (NC)1 pole.

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.

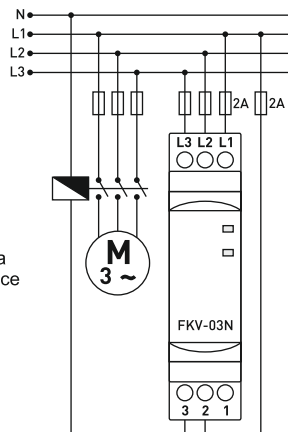
Don't use the device in wet.

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.

Connection diagram



Tecnical Specifications:

Operating Voltage(Un): 3 x 380V AC

Operating Frequency: 50/60 Hz.

Operating Power: <4VA

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

Tolerance: ~%40

Display: On led and Out led.

Connection Type: Terminal connection

Weight: Max. 110gr.

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

Mounting: Assembled on the din rail

Operating Altitude: <2000meter

Cable Diameter: 2.5mm²

Dimensions

