

HOKKIM
Giving You Control

Control & Protection Relays

Model : TUV-N

Function : Under Voltage Relay for 3-Phase 4-Wire Supply.

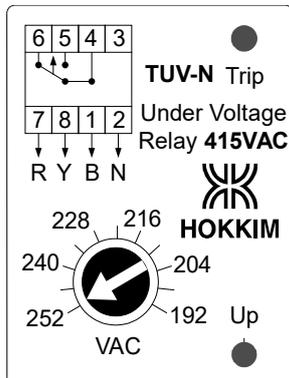
Utilization:

The TUV-N monitors under voltage of 3-phase 4-wire mains. It has two adjustable settings of:

- 480VAC - 222 to 291 VAC.
- 415VAC - 192 to 252 VAC.
- 380VAC - 176 to 231VAC.
- 208VAC - 96 to 126 VAC.
- 200VAC - 92 to 121 VAC.
- 110VAC - 51 to 67 VAC.

The relay trips if the phase to neutral voltage of any phase of the monitored mains drops below the preset point; irrespective of the voltages in the other two phases. The TUV-N trips instantly. Contacts 6-5 close for normal conditions and open for under voltage or no supply conditions.

Technical Data



Supply Voltage : 480VAC 440VAC
3-Phase 4-Wire 415VAC 380VAC

208VAC 110VAC

Frequency : 50 / 60Hz

Consumption : 1VA

ON Response Time : 200 msec.

TRIP Response Time : 200 msec.

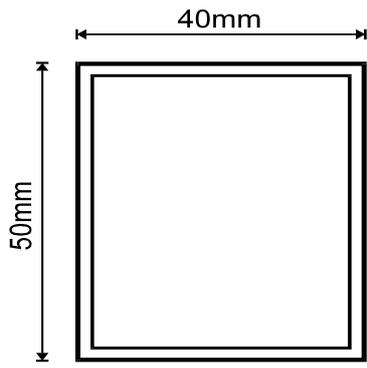
ON-TRIP Response

Deviation : 1% of rated.

Voltage Adjustment : 80% to 105%
of rated Ph-N voltage.

Indication LED : Green LED (Relay On)
Red LED (Relay Trip)

Output Contacts : 5A 240VAC 50Hz AC1
Relay ON : 6-5 close
: 6-4 open
Relay TRIP: 6-5 open
: 6-4 close

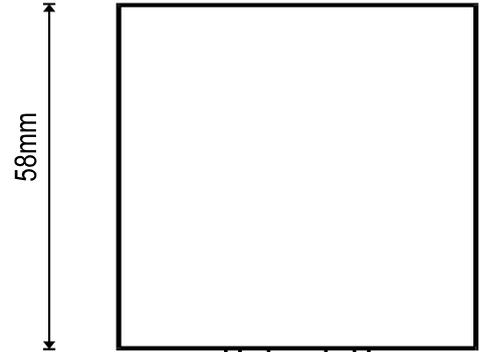


Dimensions

Top View



Front View



Side View