



HOKKIM
Giving You Control

Control & Protection Relays

Model : DUOV - L

Function : Under and Over Voltage Relay for 1-Phase 2-Wire Supply.

Utilization:

The DUOV - L monitors under and over voltage of 1-phase 2-wire mains. The relay trips if the voltage of the monitored mains drops below or rises above the respective preset points.

There are 2 separate sets of contacts; one for under voltage (11-14-12) and one for over voltage (21-24-22) trip controls.

There are also 2 amber LEDs to indicate the normal condition. For under or over voltage trip condition, the corresponding LED will go off and the corresponding relay will de-energize.

Supply Voltage 1-Ph 2-Wire	Under Voltage	Over Voltage
110 V	88V to 116V	105V to 132V
240 V	192V to 252V	228V to 288V

Technical Data

Supply Voltage : 240V 1-Ph 2-Wire
 110V 1-Ph 2-Wire

Frequency : 50~60Hz

Consumption : 2VA

ON Response Time : 200 msec.

TRIP Response Time : 200 msec.

ON-TRIP Response

Deviation : 1% of rated

Adjustment : 80 - 105% of rated
95 - 120% of rated

Indication : Amber LED (Relay Up)

Output Contacts : 5A 240V 50Hz AC1

Relay Up 11-14 Close

11-12 Open

21-24 Close

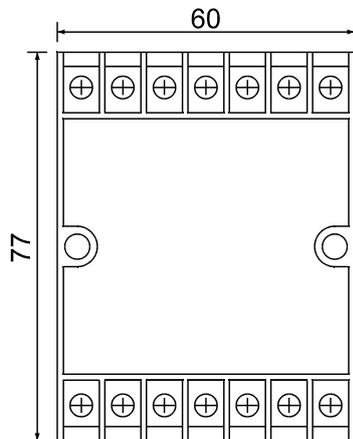
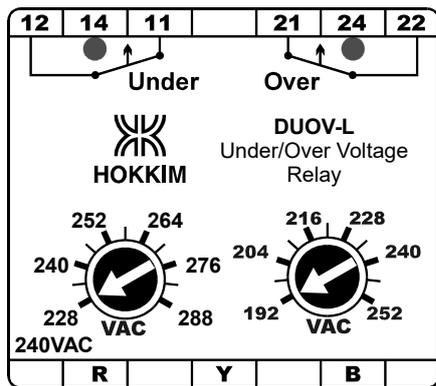
21-22 Open

Relay TRIP 11-14 Open

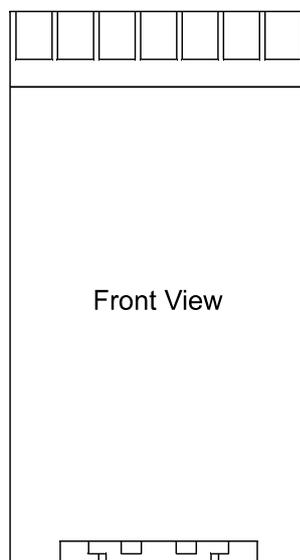
11-12 Close

21-24 Open

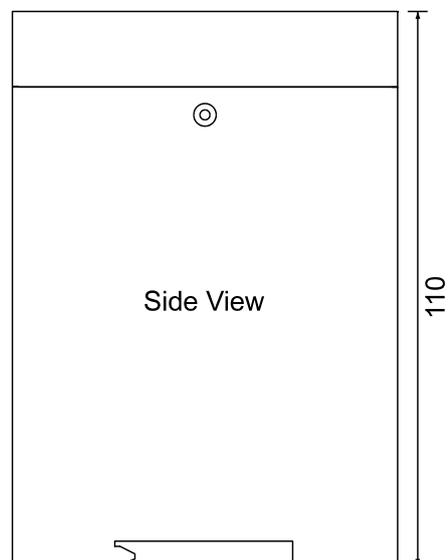
21-22 Close



Top View
Dimensions in mm



Front View



Side View