

HOKKIM
Giving You Control

Control & Protection Relays

Model : DUV-2D

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

Utilization: The DUV-2D monitors under voltage of balanced 3-phase 3-wire mains. It has an adjustable setting of

110VAC – 115V to 88V

200VAC – 210V to 160V

380VAC – 399V to 304V

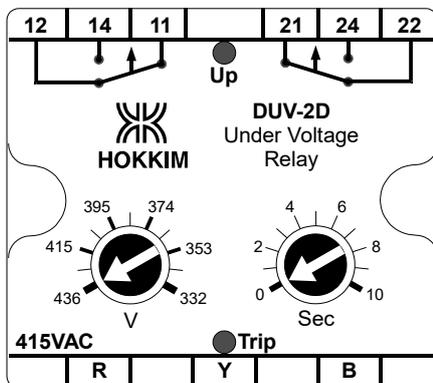
415VAC – 436V to 332V

440VAC – 462V to 352V

480VAC – 504V to 384V

The relay trips if the voltage of the monitored mains drops below the preset point. If the mains voltages are unbalanced it will take the sum of the three individual phase voltages as reference. The DUV-2D has an adjustable tripping delay from 0-10 sec. It has two tripping change-over contacts 11-14-12 and 21-24-22.

Contacts 11-14 and 21-24 close for normal conditions and open for under voltage or no supply conditions.



Technical Data

Supply Voltage 3-Ph 3-Wire: 110V 200V
 380V 415V
 440V 480V

Frequency : 50~60Hz

Consumption : 2VA

ON Response Time : 200 msec.

TRIP Response Time : 200 msec.

ON-TRIP Response

Deviation : 1% of rated

Adjustment Voltage : 80% to 105% of rated

Adjustment Delay : 0 - 10 sec

Indication : Green LED (Relay On)

Red LED (Relay Trip)

Output Contacts : 5A 240V 50Hz AC1

Relay ON 11-14 Close

11-12 Open

21-24 Close

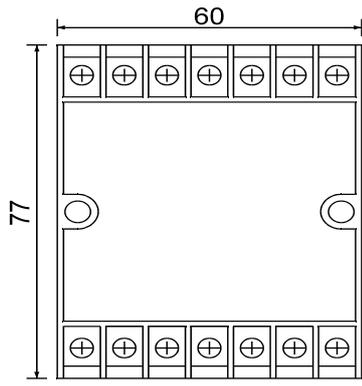
21-22 Open

Relay TRIP 11-14 Open

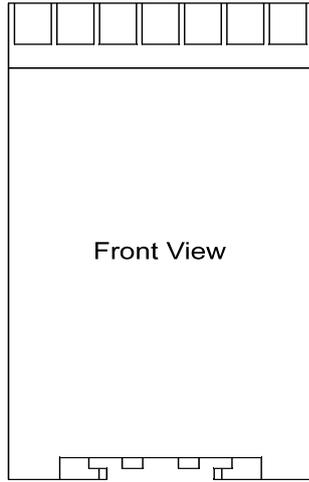
11-12 Close

21-24 Open

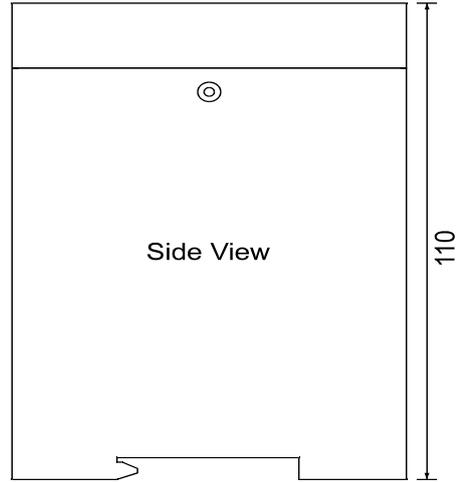
21-22 Close



Top View
Dimensions in mm



Front View



Side View