



**HOKKIM**  
Giving You Control

# Control & Protection Relays

**Model : DOV-2R**  
**Function : Over Voltage Relay for 3-Phase 3-Wire Supply.**

**Utilization:**

The DOV-2R monitors over voltage of balanced 3-phase 3-wire mains. It has an adjustable setting of

- 110VAC – 105V to 132V
- 200VAC – 190V to 240V
- 380VAC – 361V to 456V
- 415VAC – 394V to 498V
- 480VAC – 456V to 576V

The relay trips if the voltage of the monitored mains rises above the preset point. If the mains voltages are unbalanced it will take the sum of the three individual phase voltages as reference. The DOV-2R trips instantly. 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 over voltage or no supply conditions.

**Technical Data**

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

Frequency : 50/60Hz  
Consumption : 2VA  
ON Response Time : 200 msec.  
TRIP Response Time : 200 msec.  
ON-TRIP Response Deviation : 1% of rated  
Adjustment : 95% to 120% of rated  
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

