



HOKKIM
Giving You Control

Control & Protection Relays

Model : DAR-2M

Description : Asymmetry Relay

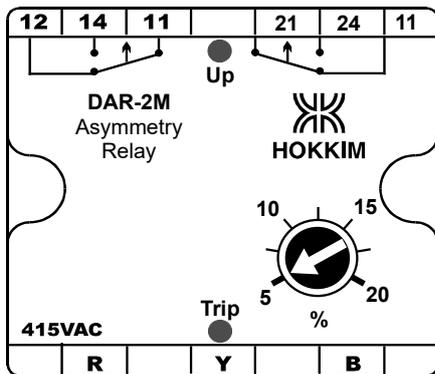
Phase Failure, Phase Unbalance (Asymmetry) & Phase Sequence Protection for Motors.

Utilization:

The DA2R-M monitors phase failure, unbalance and sequence of a 3-phase 3-wire supply connected to a motor. The unbalance trip point is adjustable from 5-20%.

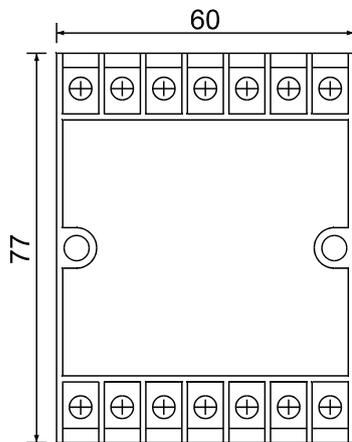
When the above 3 factors are correct and present the relay will operate normally. Any deviation of one of the factors from normal will cause the relay to trip.

The DA2R-M has two sets of tripping change-over contacts 11-14-12 and 21-24-22. Contacts 11-14 and 21-24 close under normal conditions and open upon failure or no supply conditions.

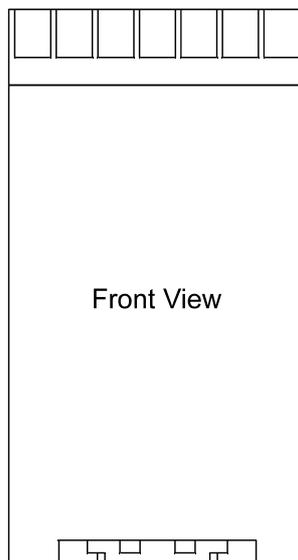


Technical Data

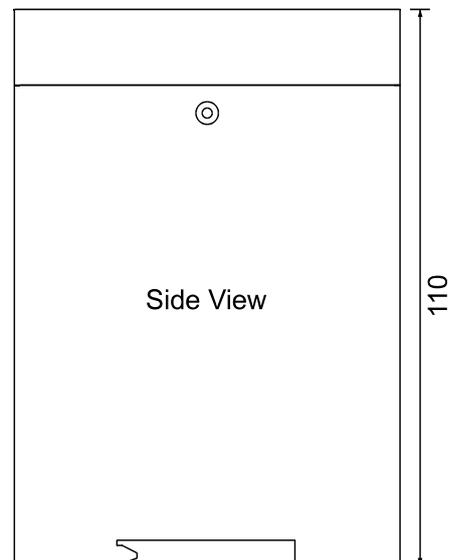
- Supply Voltage : 415V 3-Ph 3-Wire
 200V 3-Ph 3-Wire
- Frequency : 50Hz
- Consumption : 2VA
- ON Response Time : 0.5-5 sec.
- TRIP Response Time : 100-500 msec.
- Adjustment : 5-20% Phase Unbalance
- Indication : Green LED (Relay ON)
Red LED (Relay TRIP)
- Output Contacts : 5A 240V 50Hz AC1
 - Relay ON 11-14 Close
 - 11-12 Open
 - 21-24 Close
 - 21-22 Open
 - Relay TRIP 11-14 Open
 - 11-12 Close
 - 21-24 Close
 - 21-22 Open



Top View
Dimensions in mm



Front View



Side View