



HOKKIM
Giving You Control

Control & Protection Relays

Model : DOC2-2D

Description : AC Over Current Relay (0-2A) with 2 Contacts and Delay

Utilization:

The DOC2-2D monitors alternating current. Its current setting is adjustable from zero to 2A and the delay setting is adjustable from 0 to 20 sec. The current circuit is connected to terminals S1 and S2 either directly or through current transformers.

The DOC2-2D is designed to sense over current. When the measured current is below the setting, two internal relays will energize and the green Up LED comes ON while the Amber Delay LED and the red Trip LED are OFF. If the current rises above the setting, the Amber Delay LED comes ON; then after the set delay, the relays release and the green Up LED goes OFF while the red Trip LED comes ON. Contacts 11-14 & 21-24 close in the Up condition and open in the Trip or No Supply condition.

Technical Data

Supply Voltage : 240VAC 115VAC
24VDC 12VDC

Frequency : 50~60Hz

Consumption : 2VA Voltage Circuit
1VA Current Circuit

ON/TRIP Hysteresis : 2% of rated

Current Adjustment : 0 - 2A

Delay Adjustment : 0 - 20 Sec

Indication : Green LED (Up)
Amber LED (Delay)
Red LED (Trip)

Dielectric Strength Between:

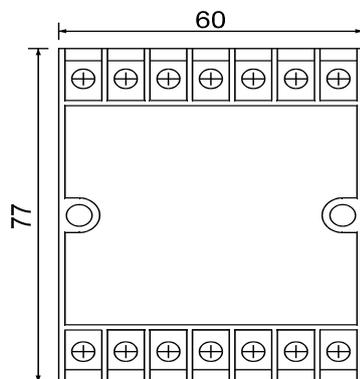
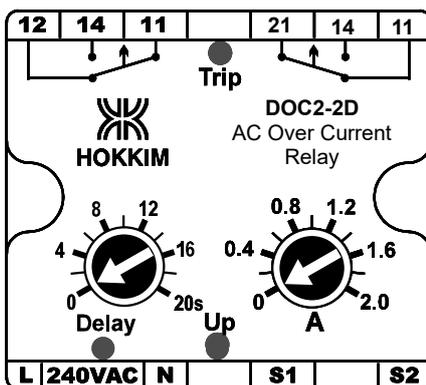
Current & Voltage Circuit : 3KV

Output & Voltage Circuit : 2KV

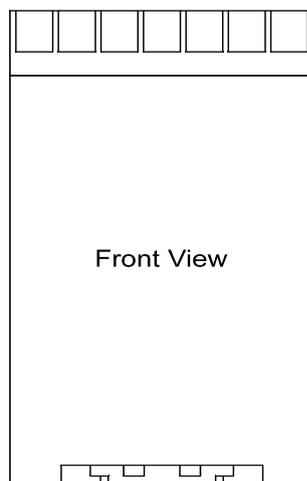
Output Contacts : 2KV

Output Contacts : 2A 240V 50Hz AC1

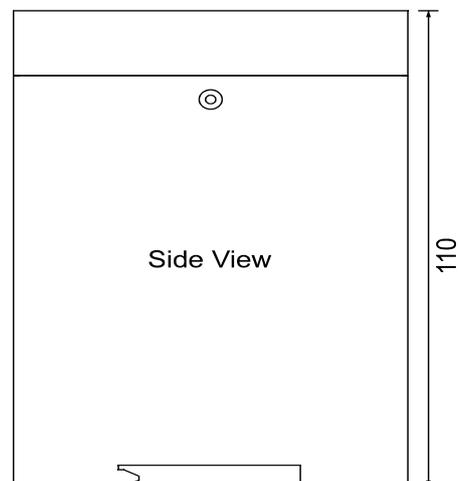
Relay Up : 11-14 Close
11-12 Open
21-24 Close
21-22 Open
Relay Trip : 11-14 Open
11-12 Close
21-24 Open
21-22 Close



Top View
Dimensions in mm



Front View



Side View