



HOKKIM
Giving You Control

Control & Protection Relays

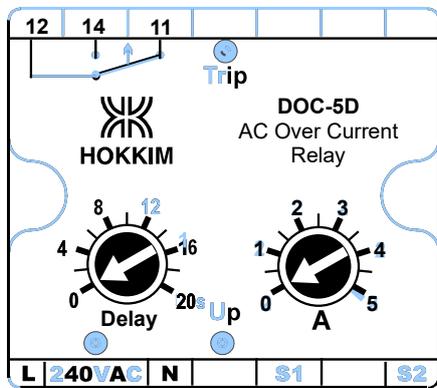
Model : DOC-5D

Description : AC Over Current Relay (0-5A) with Delay

Utilization:

The DOC-5D monitors alternating current. Its current setting is adjustable from zero to 5A 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 DOC-5D is designed to sense over current. When the measured current is below the setting, an internal relay 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 relay releases and the green Up LED goes OFF while the red Trip LED comes ON.



Technical Data

| | | | |
|------------------------------|---|---------------------------------|---------------------------------|
| Supply Voltage | : | <input type="checkbox"/> 240VAC | <input type="checkbox"/> 115VAC |
| | | <input type="checkbox"/> 24VDC | <input type="checkbox"/> 12VDC |
| Frequency | : | 50~60Hz | |
| Consumption | : | 2VA Voltage Circuit | |
| | | 1VA Current Circuit | |
| ON/TRIP Hysteresis | : | 2% of rated | |
| Current Adjustment | : | 0 - 5A | |
| 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 | : | 5A 240V 50Hz AC1 | |
| | | Relay Up | 11-14 Close |
| | | | 11-12 Open |
| | | Relay Trip | 11-14 Open |
| | | | 11-12 Close |

