



**Model : DOC-5H**

**Description : Over-Current Relay (AC 0-5A) with Reset Level Adjustment**

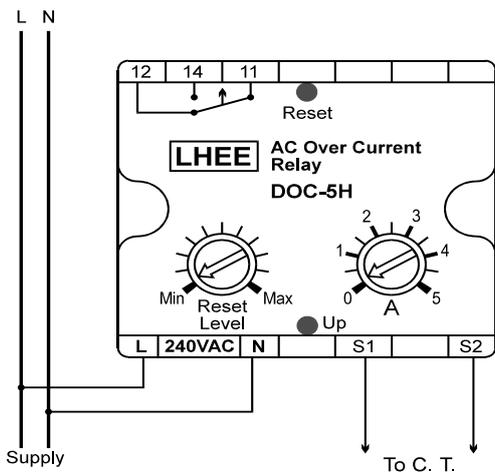
**Utilization:**

The DOC-5H monitors alternating current. Its current setting is adjustable from 0A to 5A. There is also an adjustment for the reset level from approximately 3% to 20% of full current. The current circuit is connected to terminals S1 and S2 either directly or through current transformers.

The DOC-5H is designed to sense over current. When the measured current is below the setting, the internal relay will be off and the red Reset LED comes ON while the green Up LED is OFF. If the current rises above the setting, the internal relay will energise and the green Up LED comes ON while the red Reset LED goes OFF.

When the current falls back from the setting, the internal relay will not release immediately. It will only release when the current has fallen back by the amount determined by the setting of the Reset Level knob. When the Reset Level knob is set to Max, a small drop in current will cause the internal relay to release.

When the Reset Level knob is set to Min, the current must drop by a larger amount for the internal relay to release. Contacts 11-14 is closed and 11-12 is opened when the internal relay energises and the green Up LED is lighted. Contacts 11-14 is opened and 11-12 is closed when the internal relay is off and the red Reset LED is lighted.



**Technical Data**

Supply Voltage	: □240VAC □115VAC
Frequency	: 50~60Hz
Consumption	: 3VA Voltage Circuit 1VA Current Circuit
ON/TRIP Hysteresis	: Adj 3-20% of full current
Current Adjustment	: 0A - 5A
Indication	: Green LED (Up) Red LED (Reset)
Dielectric Strength Between:	
Current & Voltage Circuit	: 3 kV
Output & Voltage Circuit	: 2 kV
Output Contacts	: 2 kV
Output Contacts	: 5A 240V 50Hz AC1
Relay Up	11-14 Close 11-12 Open
Relay Reset	11-14 Open 11-12 Close

