



HOKKIM
Giving You Control

Control & Protection Relays

Model : DCC-5

Description : 5-Step AC Current Detector Relay (0-5A)

Utilization:

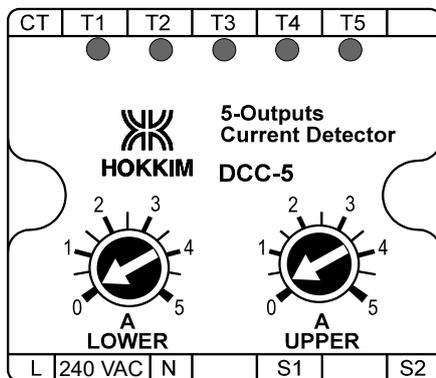
The DCC-5 monitors alternating current. It has two settings for current: a lower limit current setting and an upper limit current setting. Both settings are adjustable from zero to 5.0A. The current circuit is connected to terminals S1 and S2 either directly or through current transformers.

The DCC-5 has 5 output contacts which will be energized in turn as the input current rises from the lower limit setting to the upper limit setting. The output contacts will be energized in turn at each current rise of 20% of the range between the two limit setting. The tables below give three examples of limit settings and relay activation points. There are 5 LEDs to indicate closing of the Output Contacts.

Lower Current Limit = 0.0A	
Upper Current Limit = 5.0A	
Output	Activation Point
T1	1.0A
T2	2.0A
T3	3.0A
T4	4.0A
T5	5.0A

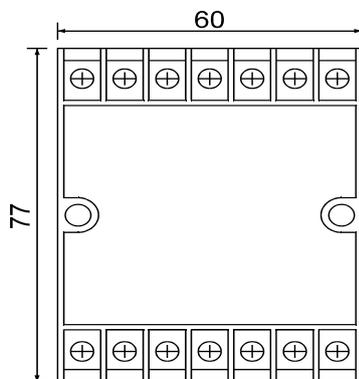
Lower Current Limit = 1.0A	
Upper Current Limit = 2.0A	
Output	Activation Point
T1	1.2A
T2	1.4A
T3	1.6A
T4	1.8A
T5	2.0A

Lower Current Limit = 2.0A	
Upper Current Limit = 5.0A	
Output	Activation Point
T1	2.6A
T2	3.2A
T3	3.8A
T4	4.4A
T5	5.0A

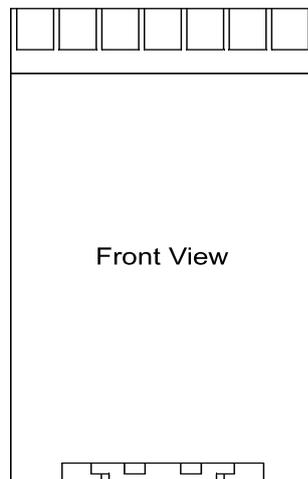


Technical Data

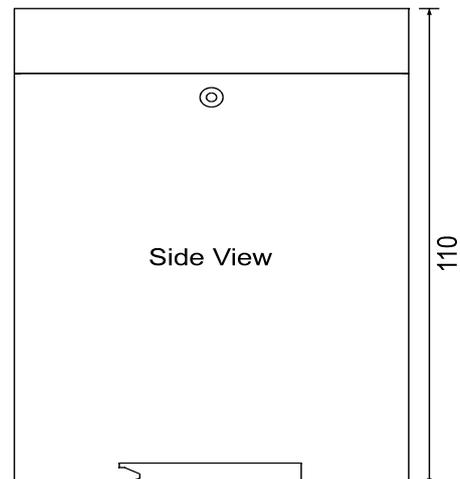
Supply Voltage	: □240VAC □115VAC
	□24VDC □12VDC
Frequency	: 50~60Hz
Consumption	: 2VA Voltage Circuit
	: 1VA Current Circuit
ON/TRIP Hysteresis	: 2% of rated
Adjustment	: 0 - 5A
Indication	: 5 Red LEDs ON when
	Contacts Closed
Dielectric Strength Between:	
Current & Voltage Circuit	: 3 kV
Output & Voltage Circuit	: 2 kV
Output Contacts	: 2 kV
Output Contacts	: 5A 240V 50Hz AC1



Top View
Dimensions in mm



Front View



Side View