

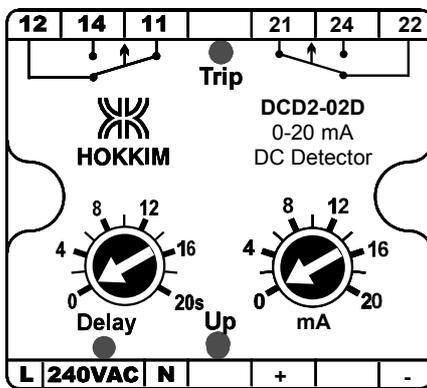
Model : **DCD2-02D**

Description: DC 0-20mA Detector with 2 Contacts and Delay

Utilization:

The DCD2-02D monitors direct current. Its setting is adjustable from 0mA to 20mA. The 0-20mA direct current source is connected to terminals + and – of the relay.

The DCD2-02D 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 red Trip LED is 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. The relay has two NO (11-14, 21-24) and two NC (11-12, 21-22) contacts. Thus, externally the unit can be used for over-current or under-current open circuit tripping. Contacts 11-14 and 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	: 3VA Voltage Circuit
	: 1VA Current Circuit
ON/TRIP Hysteresis	: 2% of rated
Adjustment	: 0mA – 20mA
Input Impedance	: 15 Ohms
Delay	: 0-20 Sec.
Indication	: Green LED (Up)
	Amber LED (Delay)
	Red LED (Trip)
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
	21-24 Close
	21-22 Open
Relay Trip	11-14 Open
	11-12 Close
	21-24 Open
	21-22 Close

