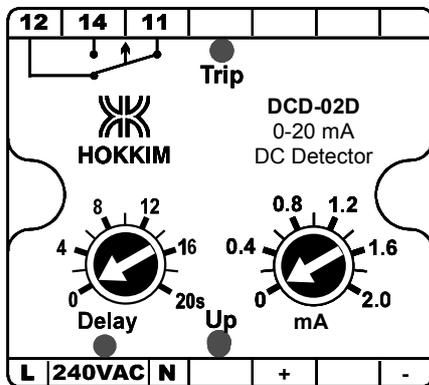


Model : **DCD-02D**
 Description : DC 0-20mA Detector with Delay

Utilization:

The DCD-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 DCD-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 relay releases and the green Up LED goes OFF while the red Trip LED comes ON. The relay has both NO (11-14) and NC (11-12) contacts. Thus, externally the unit can be used for over-current or under-current open circuit tripping. Contacts 11-14 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
Adjustment	: 0mA - 20mA DC
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
	Relay Trip 11-14 Open
	11-12 Close

