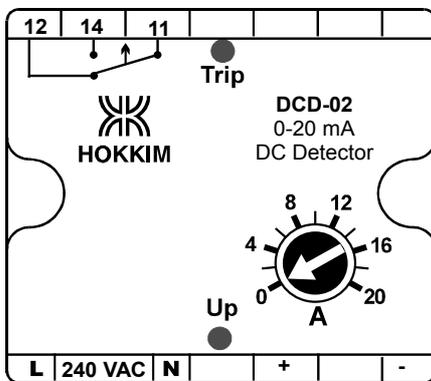


Model : **DCD-02**  
 Description : DC 0-20mA Detector

## Utilization:

The DCD-02 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-02 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 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	
Indication	:	Green LED (Up)	
		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

