

Model : **DVD-5**
 Description : 0-5V DC Detector

Utilization:

The DVD-5 monitors direct voltage. Its setting is adjustable from 0V to 5V. The 0-5V direct current source is connected to terminals + and – of the relay.

The DVD-5 is designed to sense over voltage. When the measured voltage is below the setting, an internal relay will energise and the green Up LED comes ON while the red Trip LED is OFF. If the voltage 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-voltage or under-voltage 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	: 3VA Voltage Circuit
	: 1VA Current Circuit
ON/TRIP Hysteresis	: 2% of rated
Adjustment	: 0V - 5V DC
Current Load on Input	: Max 2.5mA at 5V
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

