Model   :   **DMD-A**

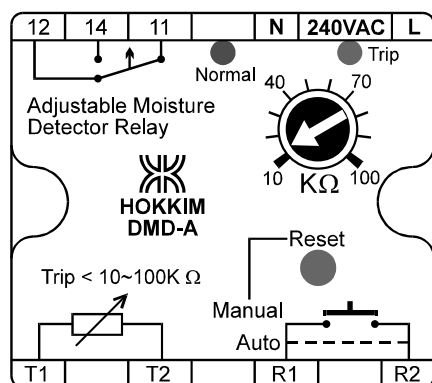Description   :   Moisture Detector Relay (Adjustable Trip 10KΩ to 100KΩ)

Utilization:

The DMD-A is sensitive to the resistance of moisture sensors connected to T1 - T2 and will detect moisture in motor housing, etc.

The DMD-A has a variable trip point from 10KΩ to 100KΩ to accommodate different trip moisture levels. The relay trips if the resistance of the moisture sensor falls below the trip point. It will reset automatically when the sensor resistance exceeds the trip point by more than 1.4KΩ below .

The DMD-A has a manual reset button. For remote manual reset, connect a normally open push-button to R1 - R2.

Technical Data

Supply Voltage	:	❏ 240VAC		❏ 115VAC
		❏ 24VDC		❏ 12VDC
Frequency	:	50~60Hz		
Consumption	:	2VA		
ON Response Time	:	100 msec.		
TRIP Response Time	:	100 msec.		
Sensors Resistance Range	:	10–100KΩ		
Voltage between T1–T2	:	2 VDC		
Voltage between R1–R2	:	0.5 VDC		
Indication	:	Green LED（Relay ON）		
		Red LED（Relay TRIP）		
Output Contacts	:	5A 240V 50Hz AC1		
		Relay ON	11–14 Close	
			11–12 Open	
		Relay TRIP	11–14 Open	
			11–12 Close	

Top View

Front View

Side View