Honeywell

Honeywell Sensing and Control

2455RM 80750327

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2455RM Series Phenolic Manual Reset Thermostats

Actual product appearance may vary.

Features

Cost effective
Rivet sleeve construction
Manually resetable

Potential Applications

HVAC
Power supplies
Office automation

Description

The 2455RM Series consists of a temperature sensitive bimetal disc, electrically isolated from the switch, which actuates the normally closed contacts. The contacts open when the surface or ambient temperatures increase to the operating snap point of the calibrated disc. The circuit will stay open above room ambient temperature until the manual reset button is pressed. Response to temperature changes is extremely rapid due to the inherently low mass of the disc and the small size of the product.

Supporting Documentation
None Available

Product Specifications	
Functional Properties	Open on rise
Reset Type	Manual
Amperage	15 A/10 A
Voltage	120 Vac/250 Vac
Operating Temperature Range	0 °C to 150 °C [32 °F to 302 °F]
Environmental Exposure Range	- 18 °C to 177 °C [0 °F to 350 °F]
Open Temperature	73.9 °C [165 °F]
Close Temperature	Manual
Open Tolerance	4.4 °C [8 °F]
Dielectric Strength	MIL - STD - 202, Method 301; 2000 Vac 60 Hz - Terminal to Case
Insulation Resistance	MIL - STD - 202, Method 302; Cond. B - 500 MOhm - 500 Vdc applied
Contact Resistance	MIL - STD - 202, Method 307; 0.050 Ohm
Housing Material	Phenolic
Contact Material	Silver/nickel alloy
Approvals	UL, CSA, VDE
Mounting	B205 airstream bracket
Series Name	2455RM

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