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3455RM 82850100



Actual product appearance may vary.

3455RM Series Phenolic Manual Reset Thermostats

Features

- Cost effective
- Rivet sleeve construction
- Manually resettable
- High temperature capability

Potential Applications

- HVAC
- Appliances
- Office automation

Description

The 3455RM 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 resistive max.
Voltage	120 Vac/240 Vac
Operating Temperature Range	52 °C to 150 °C [125 °F to 302 °F]
Environmental Exposure Range	10 °C to 150 °C [50 °F to 302 °F]
Open Temperature	132.2 °C [270 °F]
Close Temperature	Manual
Open Tolerance	11.1 °C [20 °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	B209 fixed bracket
Series Name	3455RM

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