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3450R 87540001

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3450R Series Phenolic Automatic Reset Thermostats

Actual product appearance
may vary.

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Description

The 3450R 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. Response to temperature changes is extremely rapid due to the inherently low mass of the disc and the small size of the product. These products are factory calibrated to the customer's specification.

Features

- Features
- Cost effective
- Rivet sleeve construction
- Low profile
- High current

Product Specifications

Functional Properties	Close on rise
Reset Type	Automatic
Amperage	15 A/10 A resistive max.
Voltage	120 Vac/240 Vac
Operating Temperature	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	25.0 °C [77 °F]
Close Temperature	2.8 °C [99 °F]
Open Tolerance	2.8 °C [5 °F]
Close Tolerance	5.0 °C [9 °F]

Potential Applications

- HVAC
- Automotive
- Major appliances
- Office automation

Dielectric Strength
Insulation Resistance
Contact Resistance
Housing Material
Contact Material
Agency Approvals and Standards
Mounting
Series Name

MIL-STD-202, Method 301; 2000 Vac 60 Hz - Terminal to Case
MIL-STD-202, Method 302; Cond. B - 500 MOhm - 500 Vdc applied
MIL-STD-202, Method 307; 0.050 Ohm
Phenolic
Silver/nickel alloy
UL, CSA
B213 fixed bracket
3450R



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MICRO SWITCH
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