

Honeywell Sensing and Control

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3450R 81550022

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3450R Series Phenolic Automatic Reset Thermostats

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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

- Rivet sleeve construction
 - Low profile
 - High current
- Automotive
 - Major appliances
 - Office automation

Product Specifications	
Functional Properties	Open 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	60.0 °C [140 °F]
Close Temperature	52.2 °C [126 °F]
Open Tolerance	2.8 °C [5 °F]
Close 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
Agency Approvals and Standards	UL, CSA
Mounting	B240 M4x.7 round cap stud
Series Name	3450R



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