

## Honeywell Sensing and Control

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**3450R 80430253**

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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

- 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               | 100.0 °C [212 °F]   |
| Close Temperature              | 70.0 °C [158 °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                       | No bracket  |
| Series Name                    | 3450R   |



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