

Honeywell Sensing and ControlSearch 

3450R 80430253

(Home : Products : Sensors » Thermostats » 3450R)



3450R Series Phenolic Automatic Reset Thermostats

*Actual product
appearance may vary.*[Sales & Service](#) [Distributor Inventory](#) [Overview](#) [Specs](#) [Documentation](#) [Application Notes](#)**narrow your search**

Products

- Controls Monitoring and Lighting (286)
- Machine Safety (1727)
- Sensors (5910)
- Switches (9781)
- Wireless (45)

Technology

- Electromechanical (9307)
- Magnetic (541)
- Microstructure (1495)
- Optical/Infrared (1042)
- Thick Film (1409)
- More...

new products**New Wireless Products**

Go farther. Work smarter. Explore new possibilities. Just by cutting the cord and making the switch.



Wireless Web Site
WGLA and WPMM
XYR6000™

[find out more](#) **white papers**

- ▷ Wireless Switches Offer Unlimited Benefit
- ▷ Basic Switches Are Not Created Equal
- ▷ Applying Precision Switches
- ▷ Sensors for Medical Devices
- ▷ New Ways to Measure Torque
- ▷ Choosing Safety Switches
- ▷ Specifying Hour Meters

Need help?[Click here to contact us](#) **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 *After Response to Temperature Change*.

- 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	28 °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 MΩ - 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



[Product Range Guide](#)



[Documentation Page](#)



[Product Line Guide](#)



[Application Note Library](#)

contacts

[Terms & Conditions](#) | [Privacy Statement](#) | [Site Map](#)

[Customer Service](#)

[Technical Support](#)

[Global Sales & Service](#)

[View Site Demo](#)

[Site Comments?](#)

meet dr. larry

VIDEO - Dr. Larry Goldstein explains our newest and best technologies.



[Meet Dr. Larry](#)

my links

[Login to iCOM](#)

[Login to Rep/AD Portal](#)

[Login to Digital University](#)

News Center

HONEYWELL ADDS
NEW 100° AND 180°
ARC
CONFIGURATIONS TO
ITS SMART POSITION
SENSOR PORTFOLIO

HONEYWELL
INTRODUCES ITS
HAWK™ RESOLVERS
1-INCH SERIES,
FULLY HOUSED
CONFIGURATION

HONEYWELL
INTRODUCES
MICROPOWER
OMNIPOLAR DIGITAL
HALL-EFFECT
SENSOR ICS WITH