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# **Honeywell Sensing and Control**

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## 3100U 00031431



3100 Series Hermetic Thermostats

Actual product appearance may vary.

## **Features**

Hermetically sealed Tight tolerances Tight differentials

# **Potential Applications**

Computers Medical electronics Power supplies Industrial controls Test equipment Infotech

#### Description

The 3100 Series consists of a single pole, single throw switch activated by a snapaction bimetal disc. Temperature calibrations are pre-set at the factory and each unit is 100% thermally and mechanically inspected. It is available to open or close on temperature rise. The case is laser welded to form a hermetically-sealed steel housing with a glass-to-metal seal at the terminal junction. It is manufactured and tested to meet or exceed critical commercial and industrial specifications.

#### Supporting Documentation

None Available

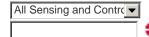
Product Specifications	
Open on rise	
Automatic	
3 A resistive max.	
120 Vac	
-29 °C to 260 °C [-20 °F to 500 °F]	
-62 °C to 288 °C [-80 °F to 550 °F]	
4.4 °C [40 °F]	
-6.7 °C [20 °F]	
2.8 °C [5 °F]	
2.8 °C [5 °F]	
MIL-STD-202, Method 301; 1250 Vac 60 Hz - Terminal to Case	
MIL-STD-202, Method 302; 50 MOhm	

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#### **Product Search**

Part number search:



Specification Search

Contact Resistance	MIL-STD-202, Method 307; 0.050 Ohm max.
Hermetic Seal	MIL-STD-202, Method 112; Cond. 1x10-5
Moisture Resistance	MIL-STD-202, Method 106
Housing Material	Steel housing hermetically sealed with glass-to-metal seal at terminal junction
Contact Material	Silver
Agency Approvals and Standards	UL
Mounting	B209 fixed bracket
Series Name	3100U

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