

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Honeywell Sensing and Productivity Solutions](#)  
[3100U 00031448](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## Honeywell Sensing and Control



Home > Products > Thermostats > 3100U > Product Page

### 3100U 00031448

#### Order Product and Get Support

- U.S. Authorized Distributors
- Global Sales & Service
- N. American Sales Reps
- Distributor Inventory
- Technical Assistance
- White Papers
- Literature Request
- Test and Measurement Catalog
- RoHS Product List
- Customer Feedback



Actual product appearance may vary.

#### 3100 Series Hermetic Thermostats

#### 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 snap-action 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	
Functional Properties	Open on rise
Reset Type	Automatic
Amperage	3 A resistive max.
Voltage	120 Vac
Operating Temperature	-29 °C to 260 °C [-20 °F to 500 °F]
Environmental Exposure Range	-62 °C to 288 °C [-80 °F to 550 °F]
Open Temperature	98.9 °C [210 °F]
Close Temperature	85.0 °C [185 °F]
Open Tolerance	2.8 °C [5 °F]
Close Tolerance	2.8 °C [5 °F]
Dielectric Strength	MIL-STD-202, Method 301; 1250 Vac 60 Hz - Terminal to Case
Insulation Resistance	MIL-STD-202, Method 302; 50 MOhm

#### My Links

- Login to iCOM
- Login as Rep/AD
- Login as Guest
- Login to Digital University

#### Keyword Search

Search for product and support information.

#### Product Search

Part number search:

Use (\*) to expand search

#### → Specification Search



Contact Resistance	MIL-STD-202, Method 307; 0.050 Ohm max.
Hermetic Seal	MIL-STD-202, Method 112; Cond. 1x10 <sup>-5</sup>
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

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