

Excellent Integrated System Limited

Stocking Distributor

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

[Honeywell Sensing and Productivity Solutions](#)
[3100U 00031452](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Honeywell Sensing and Control



Home > Products > Thermostats > 3100U > Product Page

3100U 00031452

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	121.1 °C [250 °F]
Close Temperature	107.2 °C [225 °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 ⁻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

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