

Honeywell.com

→ Automation & Control Solutions

HOME

ABOUT US

PRODUCTS & INFORMATION

NEWS & EVENTS

SALES & SUPPORT

LOGIN

Honeywell Sensing and Control

Home> Products > Thermostats > 3100U > Product Page

3100U 00031446

■ Order Product and Get Support■ U.S. Authorized

- 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



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

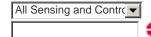
Product Specifications	
Functional Properties	Open on rise
Reset Type	Automatic
Amperage	3 A resistive max.
Voltage	120 Vac
Operating Temperature	-29 °C to 260 °C [-20 °F to 500 °F]
Environmental Exposure Range	-62 °C to 288 °C [-80 °F to 550 °F]
Open Temperature	87.8 °C [190 °F]
Close Temperature	76.7 °C [170 °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:



→ 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