



Home> Products > Thermostats > 3106 > Product Page

3106 00430071



Actual product appearance may vary.

3106 Series Hermetic Thermostats

Features

- Hermetically sealed
- Tight tolerances
- Tight differentials
- Logic level contacts

Potential Applications

- Computers
- Medical electronics
- Pow er supplies
- Industrial controls
- Test equipment
- Infotech

Description

The 3106 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. They have gold alloy contacts for low voltage applications.

Supporting Documentation

None Available

| Product Specifications | |
|------------------------------|---|
| Functional Properties | Open on rise |
| Reset Type | Automatic |
| Amperage | 100 mA/500 mA |
| Voltage | 120 Vac/50 Vdc |
| Operating Temperature Range | -29 °C to 204 °C [-20 °F to 400 ° F] |
| Environmental Exposure Range | -62 °C to 260 °C [-80 °F to 500 ° F] |
| Open Temperature | 76.7 °C [170 °F] |
| Close Temperature | 65.6 °C [150 °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; Cond. B - 500 MOhm - 500 Vdc applied |
| Contact Resistance | MIL-STD-202, Method 307; 0.050 Ohm |
| 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 | WE -1 gold alloy cross point |
| Mounting | S306 6-32 round cap stud |
| Series Name | 3106 |

My Links

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

Keyword Search

Search for product and support information.

All Sensing and Contr

Product Search

Part number search:

Use (*) to expand search

Specification Search