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Honeywell Sensing and Control

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**narrow your search****Products**

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- Machine Safety (1726)
- Sensors (7056)
- Switches (9789)

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- Control and Instrumentation (1063)
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- Microstructure (2317)
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- Thick Film (1764)
- More...

Need Help?[Click here to contact us](#) **3100U 00031446 Thermostats**

(Home : Products)

**3100 Series Hermetic Thermostats**

Actual product appearance may vary.

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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
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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- Customer Feedback



MICRO SWITCH
Anniversary site

- Home
- The Switch Is On
- Timeline
- FAQ
- Gallery
- Press Release

Honeywell Sensing and Control

[> Home](#) [> About Us](#) [> Environmental Information](#) [> WEEE and RoHS](#)

WEEE and RoHS Directives

Overview

Honeywell is working with customers, suppliers and third parties to achieve compliance with WEEE and RoHS Directives where applicable. Dedicated business and project teams have been established to manage the compliance process.

Waste Electrical and Electronic Equipment (WEEE) Directive

The WEEE Directive requires producers to pay for electronic and electrical equipment recycling and it covers a broad range of electronic and electrical products from PCs to power tools, DVDs to digital cameras and from electric toothbrushes to toys. The WEEE Directive aims to divert waste electronics from going into landfills and to encourage eco-design, reuse and recycling through producer responsibility. The WEEE Directive applies to standalone products. These are products that can function entirely on their own and are not a part of another system or piece of equipment. Honeywell Sensing and Control has almost no products that fit this category.

Restriction of Hazardous Substances (RoHS) Directive

Downloadable RoHS Product List (2 MB Zipped Excel Spreadsheet)

A sister directive to WEEE, the RoHS Directive bans the presence of specified hazardous substances in certain electronic and electrical equipment placed on the EU market after July 1, 2006. The RoHS Directive ensures that any such new electrical and electronic equipment does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE). (PBBs and PBDEs are often used as flame retardants in some plastics), unless derogation is provided for via an exemption. It should be noted that not all products Honeywell Sensing and Control makes are subject to the RoHS Directive and the RoHS Directive expresses exemptions from its substance bans for some applications.

Position Statement

It is Honeywell Sensing and Control's objective to make all applicable products within its portfolio compliant with the RoHS Directive. Work is progressing on all affected products to complete compliance in advance of the July 1, 2006 deadline.

It is anticipated that a large majority of products will be compliant by year-end 2005. Indeed there are products already identified as compliant, exempt from or outside the scope of the RoHS Directive.

Project teams made up of supply, engineering and materials representatives are actively identifying suitable replacements for those substances banned by the RoHS Directive. Close co-operation and collaboration with our sources of supply is essential to this process in order to qualify vendors and the materials they provide.

The compliance completion dates will differ from one product family to the next.

Honeywell Sensing and Control is implementing RoHS-related changes in order to make products compliant as necessary. We expect that there will be ongoing communications about our progress and any new processes we may introduce to support RoHS Directive implementation or other environmental enhancements we may make to our products.

In the meantime, if you have specific issues, concerns or questions please do not

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