



HIRSCHMANN

A **BELDEN** BRAND

General safety instructions

■ **Downloading the user documentation**

- Download the latest user documentation before using the device. Observe the instructions in the user documentation. You find the latest user documentation at:
<https://www.doc.hirschmann.com>

■ **Conditions for connection and installation**

- Observe the conditions for connection and installation for the range of devices in question that are listed in the user documentation before you connect the device to the supply voltage. You find the latest user documentation at: <https://www.doc.hirschmann.com>
- Verify that the electrical installation meets local or nationally applicable safety regulations.
- The characteristics given in the data sheet are exclusively valid if the instructions for installation and use in the user documentation are observed.

■ **Qualification requirements for personnel**

This product may exclusively be erected, installed, set up and operated by persons who are adequately qualified to perform the task, for example having been trained, taught or authorized to connect, to switch on and off, to ground and to label power circuits, devices or systems in accordance with current safety engineering standards.



040121001061018000

■ Setting up the device



WARNING

ELECTRIC SHOCK

- For supply voltage connections with protective conductor connections and/or ground connections on the device casing:
Ground the device before connecting the power supply and other connections. When removing connections, remove the protective conductor or ground conductor last. Observe the instructions in the user documentation.
- Exclusively Connect a supply voltage that corresponds to the type plate of your device.
- Verify that the power supply has an easily accessible disconnecting device, for example a switch or a plug.
- Never insert pointed objects (narrow screwdrivers, wires, etc.) into the device or into the connection terminals for electric conductors. Do not touch the connection terminals.
- Exclusively install this device in a switch cabinet or in a restricted access location to which maintenance staff have exclusive access. Observe the instructions in the user documentation for other installation locations.

Failure to follow this instruction can result in death, serious injury, or equipment damage.



WARNING

FIRE HAZARD

Install the device in a switch cabinet with fire protection characteristics according to IEC 60950-1. Observe the instructions in the user documentation for other installation locations.

Failure to follow this instruction can result in death, serious injury, or equipment damage.



CAUTION

OVERHEATING OF THE DEVICE

Verify that all ventilation slots are clear when installing the device.
Verify that there is at least 4 in (10 cm) clearance between devices.
Observe the instructions in the user documentation for smaller clearances.

Failure to follow these instructions can result in injury or equipment damage.

■ **For devices and connections with supply voltages <30 V AC or <60 V DC**

Supply voltage connections and signal contacts may exclusively be connected to SELV circuits with voltage restrictions in accordance with IEC/EN 60950-1. Observe the required fuse ratings in the user documentation.

For devices with Class 2 indication on the type plate the following requirements apply:

▶ Alternative 1

The power supply complies with the requirements for a limited power source (LPS) as per EN 60950-1.

▶ Alternative 2

Relevant for North America:

The power supply complies with the requirements as per NEC Class 2.

Observe the instructions in the user documentation.

■ **Underlying technical standards**

The device has an approval based on a specific standard exclusively if the approval indicator appears on the device casing.

■ **Manufacturer's address**

Hirschmann Automation and Control GmbH
Stuttgarter Str. 45-51
72654 Neckartenzlingen
Deutschland
www.hirschmann.com

■ **Patent notices**

The device may be covered by one or more patents.

For further information see:

www.belden.com/patents/hirschmann

For use in PR China

依照中国标准的产品中有害物质的名称及含量

Names and contents of hazardous substances according to Chinese regulatory standard

| 部件名称 Component name | 有害物质 Hazardous substance | | | | | |
|---|-----------------------------|-------------------|-------------------|--------------------------------------|--|--|
| | 铅 (Pb) Lead | 汞 (Hg) Mercury | 镉 (Cd) Cadmium | 六价铬 (Cr (VI)) Hexavalent Chromium | 多溴联苯 (PBB) Polybrominated biphenyls | 多溴二苯醚 (PBDE) Polybrominated diphenyl ethers |
| 黄铜金属部件 Metal components made of brass | X | O | O | O | O | O |
| PCBA印刷电路板 Printed circuit board assembly | X | O | O | O | O | O |

本表格依据 SJ/T 11364 的规定编制。

This table is produced in accordance with the provisions of regulatory standard SJ/T 11364 (China RoHS).

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
Indicates that the hazardous substance listed is below the limits required by GB/T 26572 in all homogeneous materials of this component.

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
Indicates that the hazardous substance listed exceeds the limits required by GB/T 26572 in at least one of the homogeneous materials of this component.

备注:

Remarks:

- 黄铜金属部件含铅量最高有可能达到4%，然而，这些零部件符合欧盟RoHS豁免条件。
- Metal components made of brass may have a lead content of max. 4 %; however, this complies with exceptional conditions of EU RoHS.
- 详情可参照欧盟指令2011/65/EU附录3中第6(c)项 { Annex III 6(c)}。
Please refer to European Directive 2011/65/EU, Annex III 6(c) for details.
- PCBA: 焊锡不含铅。PCBA板上的电子元件可能含铅。然而，这些电子元件符合欧盟RoHS豁免条件。
- Printed circuit board assembly: Solder is free of lead. Electronic components on PCBA may contain lead as listed in European Directive 2011/65/EU, Annex III 7(c)-I.
- 详情可参照欧盟指令2011/65/EU附录3中第7(c)-I项 { Annex III 7(c)-I}。
Please refer to European Directive 2011/65/EU, Annex III 7(c)-I for details.