



## Safety and general information sheet

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### ■ **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>

### ■ **[Safety] 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.



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## ■ [Safety] 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.

## ■ [Safety] 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 fire enclosure made of metal or of plastic with fire-protection properties of at least V-1 according to IEC 60695-11-10. Bottom openings of the fire enclosure must **NOT** exceed 2 mm in diameter.

**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 10 cm (4 in) 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.**

### ■ [Safety] 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 60950-1 or ES1 circuits in accordance with IEC/EN 62368-1.

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) in accordance with IEC 60950-1 or PS2 in accordance with IEC/EN 62368-1.

#### ▶ Alternative 2

Relevant for North America:

The power supply complies with the requirements in accordance with NEC Class 2.

Observe the instructions in the user documentation.

### ■ First login (Password)

- ▶ Applies to devices with the following software releases and later:  
Classic 9.1, Classic RSB 5.4, Classic Firewall 5.4, HiOS 7.1/8.1, HiSecOS 3.3, HiLCOS 10.12-RU2, GECKO 2.2

To help prevent undesired access to the device, it is imperative that you change the default password during initial setup.

Perform the following steps:

- Open the Graphical User Interface or the Command Line Interface the first time you log on to the device.  
**Note:** For devices with Classic / HiOS / HiSecOS software, you can also use HiView.  
For devices with HiLCOS software, you can also use LANconfig.
- Log on to the device with the default password.  
The device prompts you to type in a new password.
- Type in your new password.

To help increase security, choose a password that contains at least 8 characters which includes upper-case characters, lower-case characters, numerical digits and special characters.

- Depending on the device software and the way you log on to the device (Graphical User Interface, Command Line Interface, HiView, or LANconfig), you might be prompted to confirm your new password.
- Log on to the device again with your new password.

**Note:** Applies to devices with System Monitor: If you lost your password, then use the System Monitor to reset the password.

For further information see:

<https://hirschmann-support.belden.com/en/kb/required-password-change-new-procedure-for-first-time-login>

- ▶ Applies to the following devices that are delivered with a unique password that is located on a label on the device:  
OWL family, BAT-C2

Perform the following steps:

- Open the Graphical User Interface the first time you log on to the device.
- Type in the user name “admin”.
- Type in the unique password that is located on a label on the device.
- Click the “Login” button.
- To help maintain the security of your network, change the password.**

#### ■ **FCC note**

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### ■ **Importer UK (United Kingdom)**

**UK**  
**CA** Belden UK Ltd.  
1 The Technology Centre, Station Road  
Framlingham, IP13 9EZ, United Kingdom

#### ■ **Underlying technical standards**

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

■ **Downloading certificates and conformity declarations**

- You find certificates and conformity declarations at:  
<https://www.doc.hirschmann.com/certificates.html>

■ **Manufacturer's address**

Hirschmann Automation and Control GmbH  
Stuttgarter Str. 45-51  
72654 Neckartenzlingen  
Germany  
[www.hirschmann.com](http://www.hirschmann.com)

■ **Patent notices**

The device may be covered by one or more patents.  
For further information see:  
[www.belden.com/patents/hirschmann](http://www.belden.com/patents/hirschmann)

## For use in PR China

## ■ Declaration of conformity SJ/T 11363 (China-RoHS)

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
<p>本表格依据 SJ/T 11364 的规定编制。</p> <p>This table is produced in accordance with the provisions of regulatory standard SJ/T 11364 (China RoHS).</p> <p>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.</p> <p>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.</p>						
<p>备注: Remarks:</p> <ul style="list-style-type: none"> <li>- 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。</li> <li>- Metal components made of brass may have a lead content of max. 4 %; however, this complies with exceptional conditions of EU RoHS.</li> </ul> <p>详情可参照欧盟指令2011/65/EU附录3中第6(c)项 { Annex III 6(c)}。</p> <p>Please refer to European Directive 2011/65/EU, Annex III 6(c) for details.</p> <ul style="list-style-type: none"> <li>- 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。</li> <li>- 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.</li> </ul> <p>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}。</p> <p>Please refer to European Directive 2011/65/EU, Annex III 7(c)-I for details.</p>						