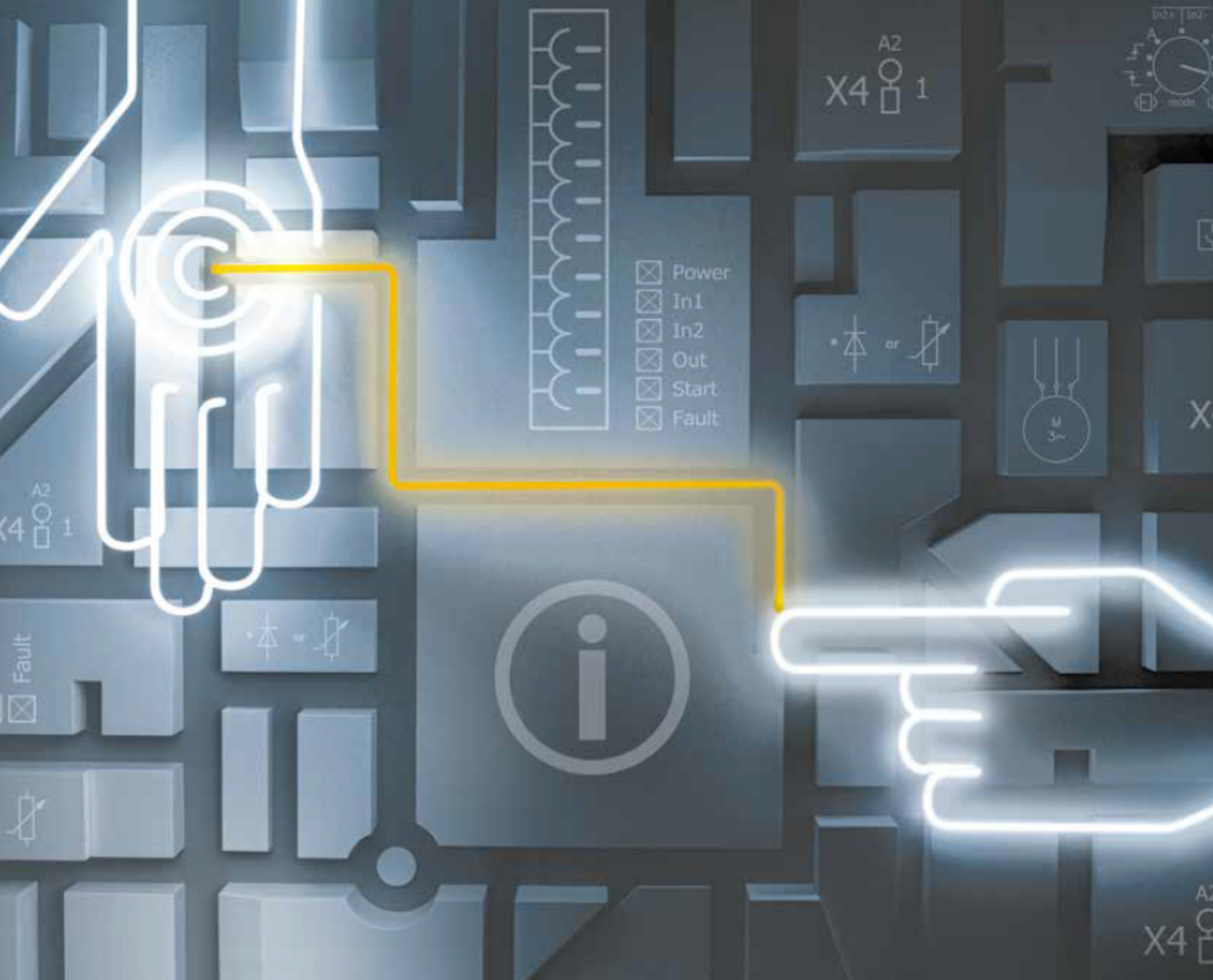




## ▶ PSS u2 B 1 (-R) PSS u2 B 4 (-R)

**PILZ**  
THE SPIRIT OF SAFETY

Operating Manual-1003626-EN-04

- PSS u2 in the automation system PSS 4000
- Remote I/O system PSS u2



This document is the original document.

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SD means Secure Digital

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# 1 Introduction

## 1.1 Validity of documentation

This operating manual explains the function and operation, describes the installation and provides guidelines on how to connect the product.

This documentation is valid for the product PSS u2 B1/B4 (-R) from hardware version 01. It is valid until new documentation is published.

## 1.2 Using the documentation

This document is intended for instruction. Only install and commission the product if you have read and understood this document. The document should be retained for future reference.

## 1.3 Terminology

### **PSS u2 system**

A PSS u2 system consists of a PSS u2 head module, main voltage supply module and optional PSS u2 electronic modules with backplanes.

### **Remote I/O system PSS u2**

PSS u2 system without control functionality that provides I/Os. The I/Os can be controlled via a fieldbus.

The configuration is performed in the tool PASconfig.

### **PSS u2 in the automation system PSS 4000**

A PSS u2 system can be used in the automation system PSS 4000. A PSS u2 system is a 2nd generation device in the automation system PSS 4000.

The configuration is performed in the tool PAS4000.

### **Basic type**

PSS u2 backplanes in basic design are referred to as basic type backplanes (e.g. PSS u2 B4).

### **R-type**

PSS u2 backplanes that are suitable for use with increased environmental requirements and railway applications are called R-type backplanes (e.g. PSS u2 B4 -R).

## 1.4 Definition of symbols

Information that is particularly important is identified as follows:



### **DANGER!**

This warning must be heeded! It warns of a hazardous situation that poses an immediate threat of serious injury and death and indicates preventive measures that can be taken.



### **WARNING!**

This warning must be heeded! It warns of a hazardous situation that could lead to serious injury and death and indicates preventive measures that can be taken.



### **CAUTION!**

This refers to a hazard that can lead to a less serious or minor injury plus material damage, and also provides information on preventive measures that can be taken.



### **NOTICE**

This describes a situation in which the product or devices could be damaged and also provides information on preventive measures that can be taken. It also highlights areas within the text that are of particular importance.



### **INFORMATION**

This gives advice on applications and provides information on special features.

## 2

### Overview

- ▶ The backplane is used for communication between the head module and the electronic modules and forms the carrier unit for the electronic modules.
- ▶ The backplane can be used to form supply groups.
- ▶ Available types:
  - 1x backplane (backplane with one slot)
  - 4x backplane (backplane with four slots)
- ▶ **R type:**  
Backplane (with one slot/with four slots)  
for increased environmental requirements and railway applications

## 3 Safety

### 3.1 Intended use



#### INFORMATION

If the backplane is not named explicitly, the details apply to all types of the backplane.

#### Use in a PSS u2 system

The backplanes PSS u2 B 1/B 4 may be used in the following PSS u2 systems (see [Terminology](#) [4]):

- ▶ Remote I/O system PSS u2
- ▶ PSS u2 in the automation system PSS 4000 (generation 2)

The backplanes PSS u2 B 1/B 4 -R may be used in the following PSS u2 systems (see [Terminology](#) [4]):

- ▶ PSS u2 in the automation system PSS 4000 (2nd generation)

The module/backplane/safety controller should be installed in a protected environment, see documents:

- ▶ Installation Manual PSS u2 in the automation system PSS 4000 (1006253), under "Installation in a protected space"
- ▶ Installation Manual Remote I/O system PSS u2 (1004152), under "Installation in a protected space"

Make sure that only authorised personnel have access to the products.

#### Failsafe and standard applications

The backplanes may be used for failsafe and standard applications.

#### Application areas

- ▶ Use on machinery and in industrial environments (2006/42/EU and 2023/1230/EU)

The backplanes PSS u2 B 1/B 4 (-R) can be used for **non-safety-related** applications (see [Technical details](#) [21]).

- ▶ Use in railway applications (CENELEC)

Depending on the selected railway architecture (see Safety Manual, under Safety architectures for railway applications (1006614)), the backplanes PSS u2 B 1/B 4 -R meet the requirements of EN 50126, EN 50129, EN 50159, EN 50716 and EN 45545, safety category SIL 0 (basic integrity), (see [Technical details](#) [21]).

Only R-type backplanes may be used in a PSS u2 system for railway applications.

- ▶ Increased environmental requirements

The backplanes PSS u2 B 1/B 4 -R are suitable for use with increased environmental requirements (see [Technical details](#) [21]).

Only R-type backplanes may be used in a PSS u2 system in applications with increased environmental requirements.

**Operating height**

With reference to the standard IEC 61131-2 the values stated in the technical details for ambient temperature are reduced at heights >2000 m operating height above sea level (see [Supplementary data](#) [ 24]).

**EMC-compliant installation**

Intended use includes making the electrical installation EMC-compliant. Please refer to the guidelines stated in the relevant installation manuals (see [Additional documents that apply](#) [ 9]).

**Improper use**

The following is deemed improper use in particular

- ▶ Any component, technical or electrical modification to the module,
- ▶ Use of the module outside the areas described in this operating manual,
- ▶ Any use of the module that is not in accordance with the technical details.

**Software tools**

The backplanes PSS u2 B 1 and PSS u2 B 4 backplanes are supported by:

- ▶ PASconfig from Version 1.0.0
- ▶ PAS4000 from Version 1.29.0

The backplane PSS u2 B 4 **-R** is supported by:

- ▶ PAS4000 from Version 1.25.0

The backplane PSS u2 B 1 **-R** is supported by:

- ▶ PAS4000 from Version 1.29.0

**INFORMATION**

We recommend that you always use the latest version of the software tool (download from [www.pilz.com](http://www.pilz.com)).



## **3.2 Safety regulations**

### **3.2.1 Additional documents that apply**

Please read and take note of the following documents:

- ▶ Installation Manual remote I/O system PSS u2 (1004152)
- ▶ Installation Manual PSS u2 in the automation system PSS 4000 (1006253)
- ▶ System Description PSS 4000 (1001467)
- ▶ Safety Manual PSS 4000 (1001468)

With railway applications you should also refer to:

- ▶ Safety Manual, Safety Architectures for Railway Applications (1006614)

You will need to be conversant with the information in these documents in order to fully understand this operating manual.

### **3.2.2 Use of qualified personnel**

The products may only be assembled, installed, programmed, commissioned, operated, de-commissioned and maintained by persons who are competent to do so.

A competent person is a qualified and knowledgeable person who, because of their training, experience and current professional activity, has the specialist knowledge required. In order to inspect, assess and handle products, devices, systems, plant and machinery, this person must be familiar with the state of the art and the applicable national, European and international laws, directives and standards.

It is the company's responsibility only to employ personnel who

- ▶ Are familiar with the basic regulations concerning health and safety / accident prevention,
- ▶ Have read and understood the information provided in the section entitled Safety
- ▶ Have a good knowledge of the generic and specialist standards applicable to the specific application.

### **3.2.3 Warranty and liability**

All claims to warranty and liability will be rendered invalid if

- ▶ The product was used contrary to the purpose for which it is intended,
- ▶ Damage can be attributed to not having followed the guidelines in the manual,
- ▶ Operating personnel are not suitably qualified,
- ▶ Any type of modification has been made (e.g. exchanging components on the PCB boards, soldering work etc.).

### **3.2.4 Disposal**

- ▶ When decommissioning, please comply with local regulations regarding the disposal of electronic devices, such as the Electrical and Electronic Equipment Act.

## **4 Security**

To secure plants, systems, machines and networks against cyberthreats it is necessary to implement (and continuously maintain) an overall industrial security concept that is state of the art.

Perform a risk assessment in accordance with VDI/VDE 2182 or IEC 62443-3-2 and plan the security measures with care. If necessary, seek advice from Pilz Customer Support.

### **4.1 Security (remote I/O system PSS u2)**

Further information on Security can be found in the operating manuals of the relevant head modules.

### **4.2 Security (PSS u2 in the automation system PSS 4000)**

Further information on Security can be found in the system description PSS 4000 (1001467).

## 5 Function description

- ▶ The backplane is used for communication between the head module and the electronic modules and forms the carrier unit for the electronic modules. Communication also takes place when some slots on a backplane are unoccupied.
- ▶ The backplane can be used to interrupt the periphery supply, in order to form supply groups.

### 5.1 Supply groups

For potential isolation, the supply (periphery supply) of the upstream (left-hand) modules on the backplane is interrupted and is refreshed for the downstream (right-hand) modules at a periphery supply voltage module.

In the following illustration, the backplane is used in the remote I/O system PSS u2.

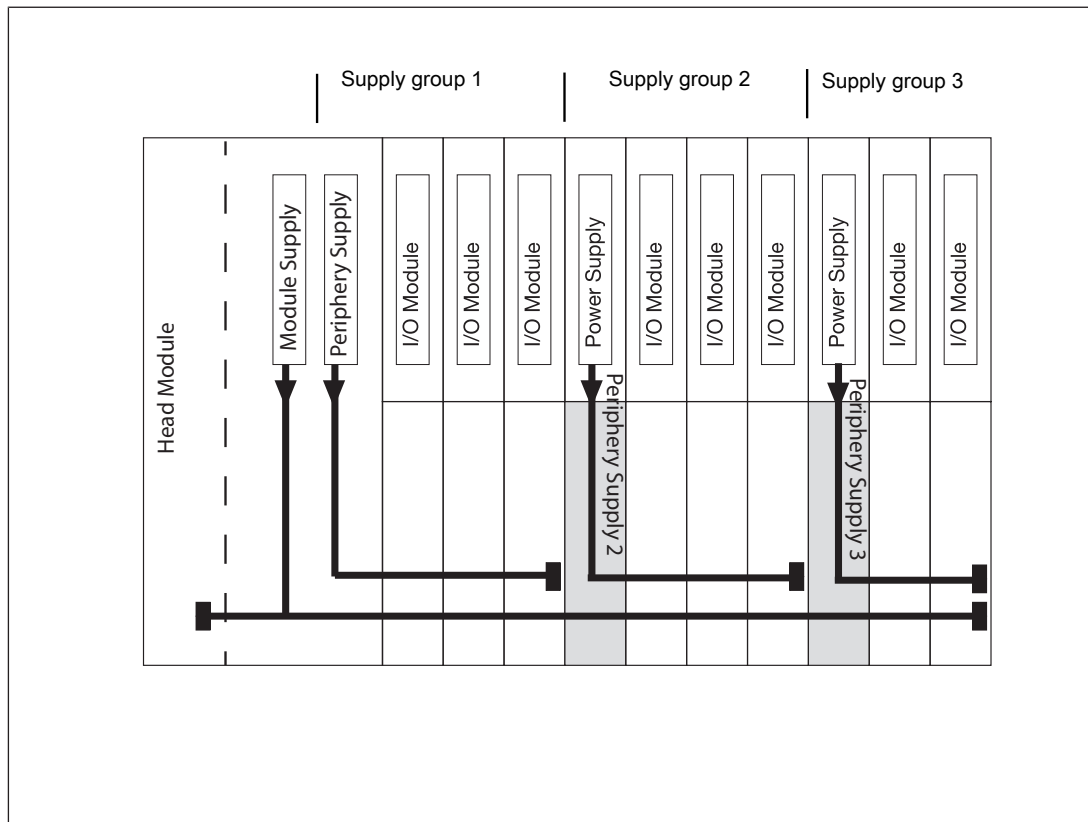


Fig.: Formation of supply groups (example in the remote I/O system PSS u2)

In the following illustration, the backplane in the PSS u2 system is used in the automation system PSS 4000.

The backplane is connected to the main power supply module [1]  
PSS u2 PSx (-R) (24 VDC supply).

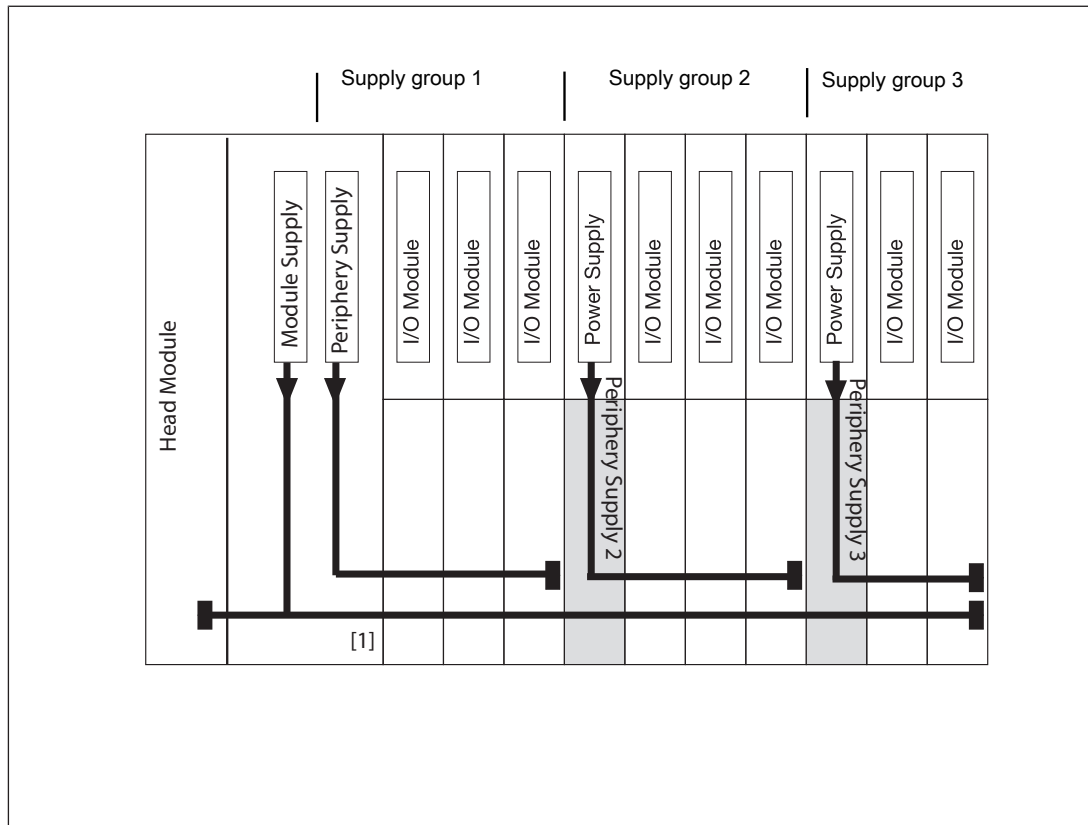
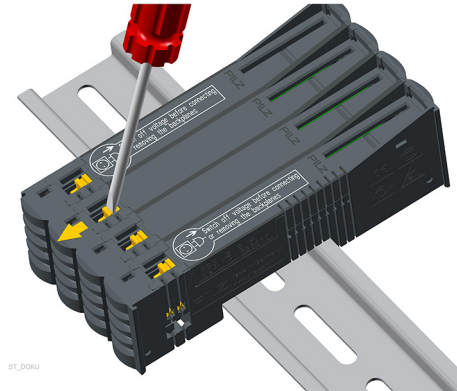


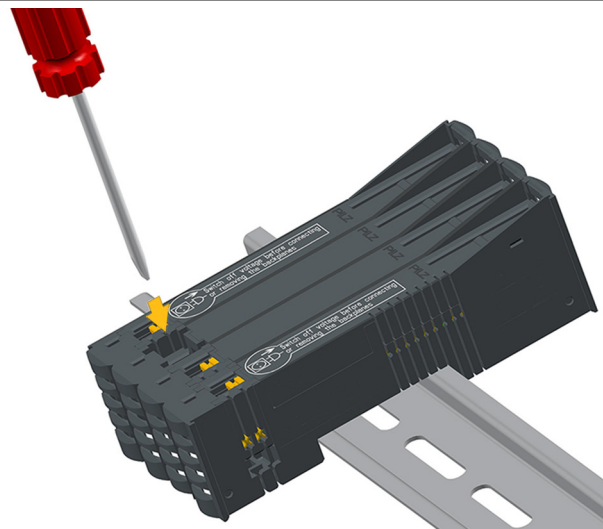
Fig.: Formation of supply groups (example in the PSS u2 system in the automation system PSS 4000)

### Interrupting the electrical connection to the left-hand module

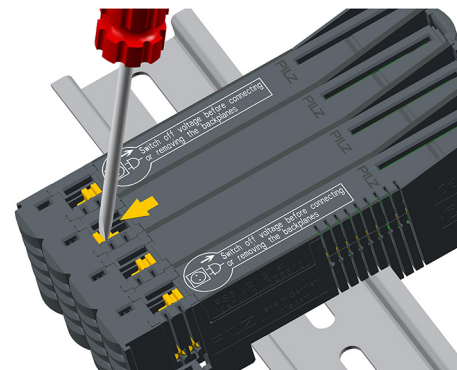
1. Use a screwdriver to move the yellow contact block into the central position.



2. Use a screwdriver to press the yellow contact block downwards. The yellow contact block is countersunk.



3. Use a screwdriver to move the yellow contact block into the position shown.



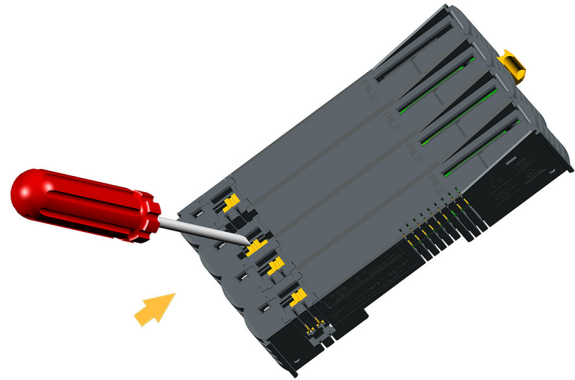
### Restoring the electrical connection to the left-hand module

Prerequisite:

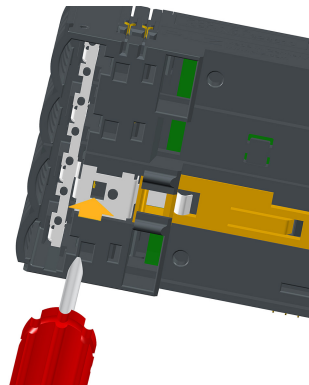
Supply voltage is switched off. Backplanes may only be inserted or removed when the supply voltage is switched off.

The backplane is uninstalled from the mounting rail.

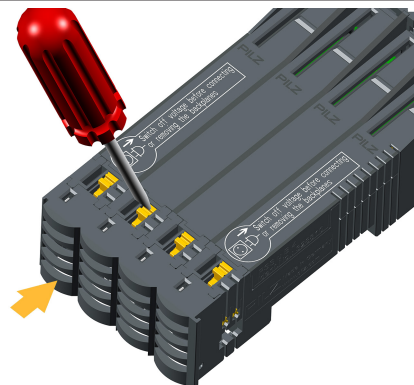
1. The yellow contact block is countersunk. Use a screwdriver to move the yellow contact block into the central position.



2. Turn the backplane to the rear. Use a screwdriver to press the yellow contact block back into its start position.



3. Move the yellow contact block into the position shown. The electrical connection to the left-hand slot is now established.



## 6 Installation

### 6.1 General installation guidelines

**CAUTION!****Risk of material damage**

- Connect or remove the backplane only when the supply voltage is switched off.
- Switch off the supply voltage, before you connect or remove the backplane.

**CAUTION!****Risk of material damage**

The incorrect ambient temperature during assembly/dismantling can lead to material damage.

- Comply with the permitted ambient temperature for assembly/dismantling: -20°C ... +45°C

**INFORMATION****Check whether shielded cable should be connected.**

If shielding is required you will need a shield connection element (not supplied with the device; see chapter Installation [Install shield connection element \(optional\)](#) [ 20]).

**CAUTION!****Risk of material damage**

Electrostatic discharge can damage components.

- Ensure against discharge before touching the product, e.g. by touching an earthed, conductive surface or by wearing an earthed arm-band.

## 6.2 Dimensions

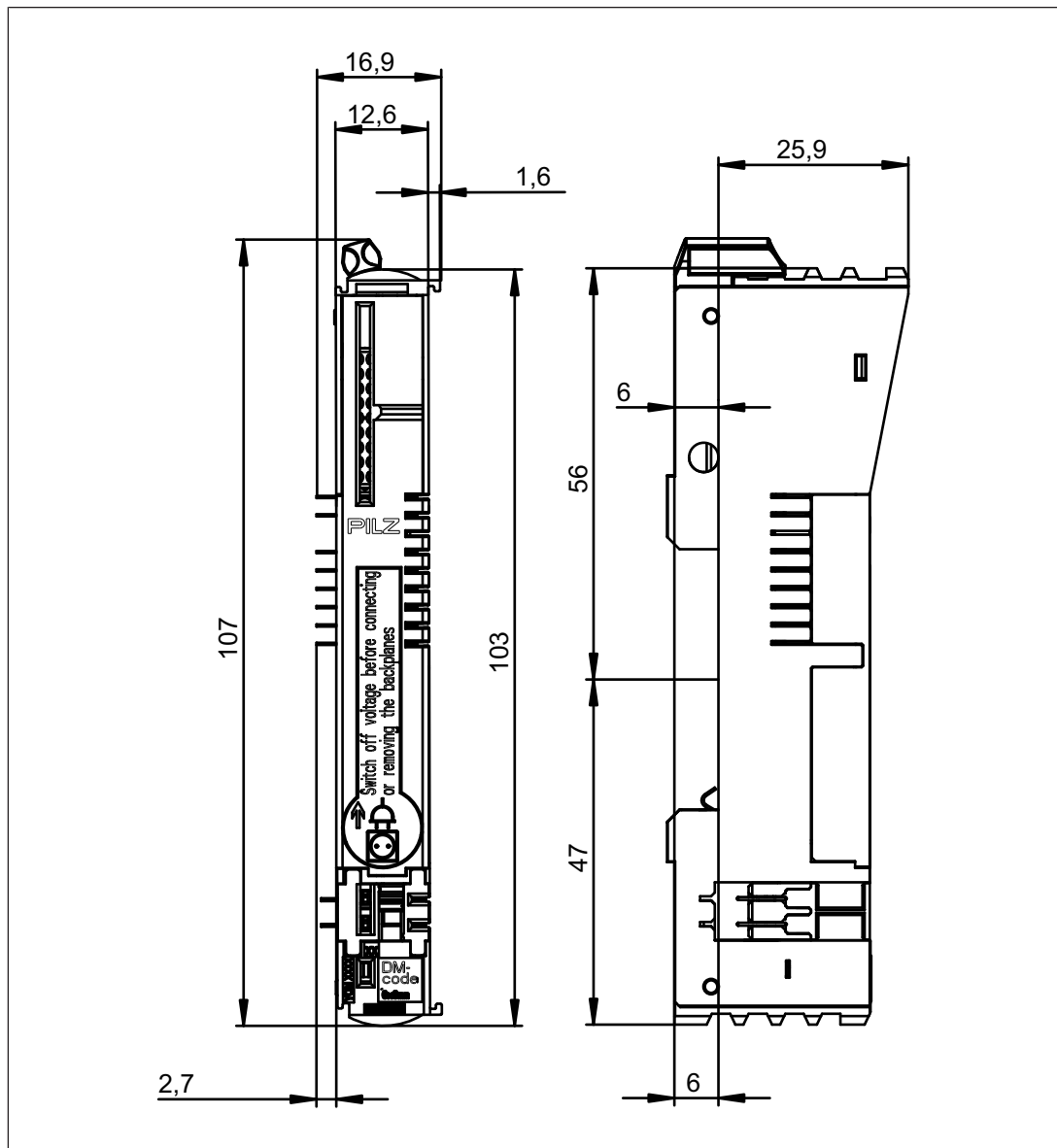


Fig.: Dimensions for 1x backplane



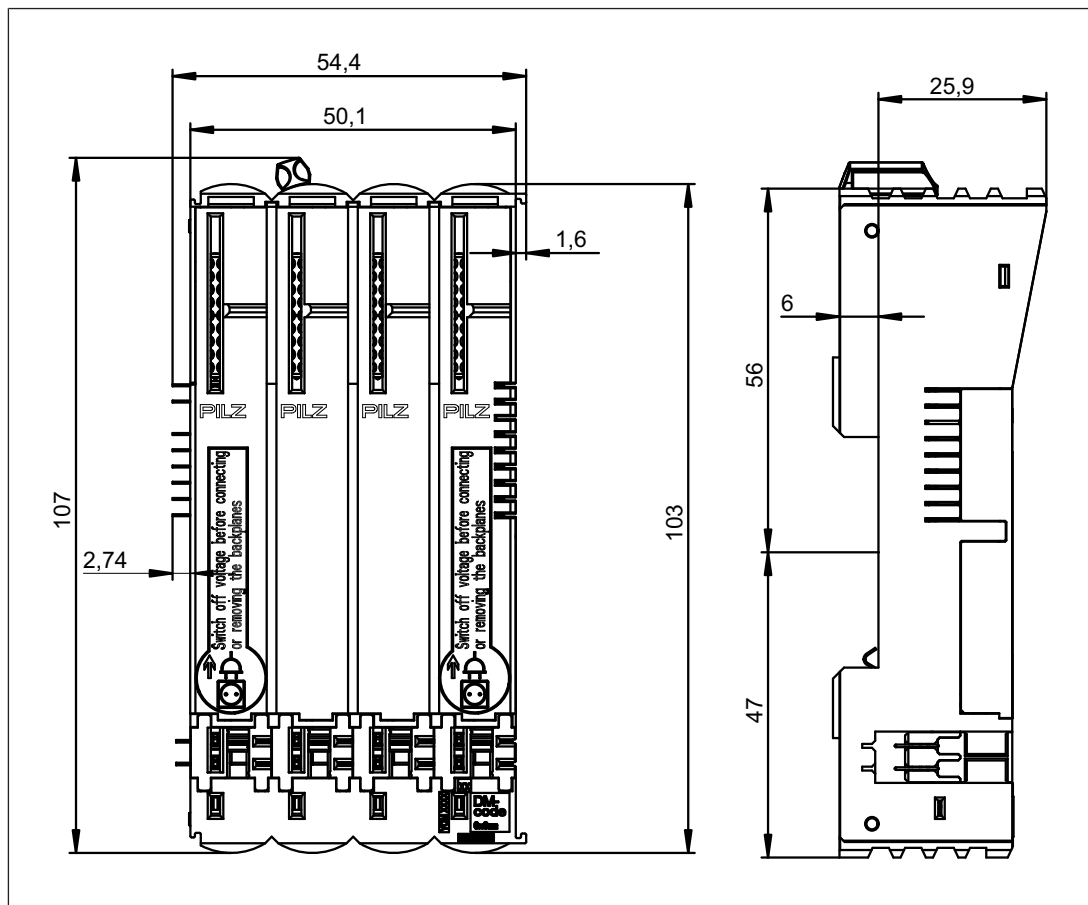


Fig.: Dimensions for 4x backplane

## 6.3 Install backplane



### CAUTION!

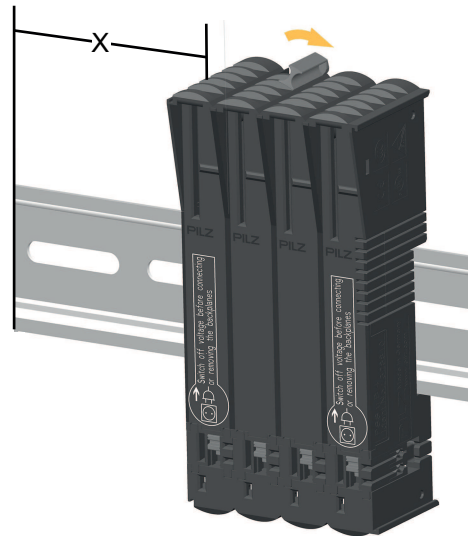
#### Risk of material damage

- Connect or remove the backplane only when the supply voltage is switched off.
- Switch off the supply voltage, before you connect or remove the backplane.

1. Insert the backplane on to the mounting rail. Leave enough distance [X] to the left to enable the head module/head module plus main power supply module to be installed. This distance will depend on the width of the head module/head module plus main power supply module.

The mounting rail interlock must be in the open position, to the left.

2. Turn the mounting rail interlock to the right to lock the backplane on to the mounting rail.



## 6.4 Install protective plate



### CAUTION!

#### Risk of material damage

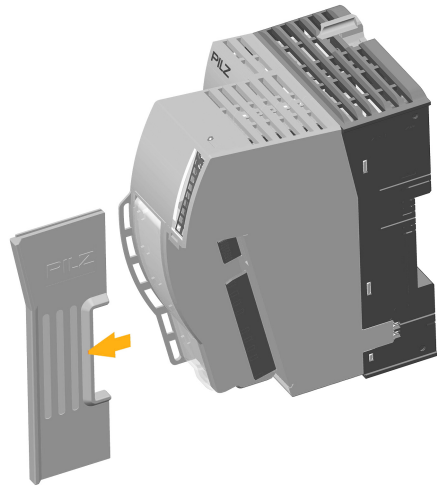
Electrostatic discharge can damage components.

- Ensure that the yellow cover plate is fitted at the end of the backplane block. The yellow cover plate is an integral part of the head module/main supply voltage module.

In the following illustration, the cover plate is used on the head module (remote I/O system PSS u2).

When the backplane of the PSS u2 system is used in the automation system PSS 4000, the backplane follows the main supply voltage module.

1. Remove the yellow cover plate from the head module/main supply voltage module.



2. Attach the yellow ESD cover plate to the last backplane.

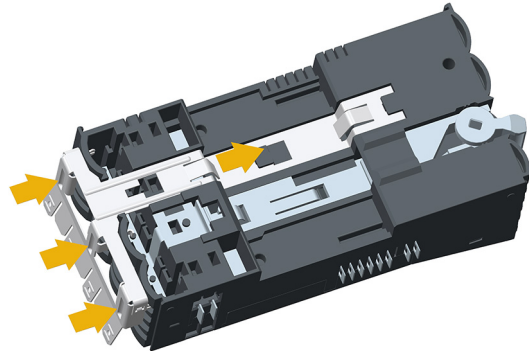


## 7

### Install shield connection element (optional)

A shield connection element can be installed on the 4x backplane as an option. The shield connection element generates the direct contact to the mounting rail. The shield connection element is not supplied with the device; see chapter entitled Accessories).

1. Attach the shield connection element to the rear of the backplane and push it in the direction of the arrow that is shown until it clicks in place at the locations indicated by the arrows.



## 8 Technical details

Where standards are undated, the 2025-03 valid editions apply.

| General                                 | 328811                                                                      | 327811                                                                      | 328810                                                                      | 327810                                                                      |
|-----------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Certifications                          | CE, EAC, TÜV, UKCA, cULus Listed                                            | CE, EAC, TÜV, UKCA, cULus Listed                                            | CE, EAC, TÜV, UKCA, cULus Listed                                            | CE, EAC, TÜV, UKCA, cULus Listed                                            |
| Application range                       | Standard                                                                    | Standard                                                                    | Standard                                                                    | Standard                                                                    |
| Electrical data                         | 328811                                                                      | 327811                                                                      | 328810                                                                      | 327810                                                                      |
| Internal voltage supply (module supply) |                                                                             |                                                                             |                                                                             |                                                                             |
| Module's power consumption              | 0,13 W                                                                      | 0,13 W                                                                      | 0,25 W                                                                      | 0,25 W                                                                      |
| Environmental data                      | 328811                                                                      | 327811                                                                      | 328810                                                                      | 327810                                                                      |
| Application site                        |                                                                             |                                                                             |                                                                             |                                                                             |
| in accordance with the standard         | –                                                                           | EN 50125-3                                                                  | –                                                                           | EN 50125-3                                                                  |
| Application site                        | –                                                                           | Minimum 1m distance from track                                              | –                                                                           | Minimum 1m distance from track                                              |
| Climatic suitability                    | EN 60068-2-1, EN 60068-2-2, EN 60068-2-30, EN 60068-2-78, EN IEC 60068-2-14 | EN 60068-2-1, EN 60068-2-2, EN 60068-2-30, EN 60068-2-78, EN IEC 60068-2-14 | EN 60068-2-1, EN 60068-2-2, EN 60068-2-30, EN 60068-2-78, EN IEC 60068-2-14 | EN 60068-2-1, EN 60068-2-2, EN 60068-2-30, EN 60068-2-78, EN IEC 60068-2-14 |
| Ambient temperature                     |                                                                             |                                                                             |                                                                             |                                                                             |
| Temperature range                       | -25 - 60 °C                                                                 | -40 - 70 °C                                                                 | -25 - 60 °C                                                                 | -40 - 70 °C                                                                 |
| in accordance with the standard         | UL 61010                                                                    | UL 61010                                                                    | UL 61010                                                                    | UL 61010                                                                    |
| Max. temperature in accordance with UL  | -25 - 60 °C                                                                 | -40 - 60 °C                                                                 | -25 - 60 °C                                                                 | -40 - 60 °C                                                                 |
| Storage temperature                     |                                                                             |                                                                             |                                                                             |                                                                             |
| Temperature range                       | -40 - 70 °C                                                                 | -40 - 70 °C                                                                 | -40 - 70 °C                                                                 | -40 - 70 °C                                                                 |
| Climatic suitability                    |                                                                             |                                                                             |                                                                             |                                                                             |
| in accordance with the standard         | EN 60068-2-78                                                               | EN 60068-2-78                                                               | EN 60068-2-78                                                               | EN 60068-2-78                                                               |
| Humidity                                | 95 % r. h. at 40 °C                                                         | 95 % r. h. at 40 °C                                                         | 95 % r. h. at 40 °C                                                         | 95 % r. h. at 40 °C                                                         |
| Condensation during operation           | Not permitted                                                               | EN 60068-2-30                                                               | Not permitted                                                               | EN 60068-2-30                                                               |
| Max. operating height above SL          | 5000 m                                                                      | 5000 m                                                                      | 5000 m                                                                      | 5000 m                                                                      |

| Environmental data 328811       |                      | 327811                                                                                                        | 328810                                                                                                        | 327810                                                                                                        |
|---------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| EMC                             |                      | EN 12015, EN 12016, EN 298, EN 50156-1, EN 61000-6-7, EN 61131-2 (Zone B), EN IEC 61000-6-2, EN IEC 61000-6-4 | EN 12015, EN 12016, EN 298, EN 50156-1, EN 61000-6-7, EN 61131-2 (Zone B), EN IEC 61000-6-2, EN IEC 61000-6-4 | EN 12015, EN 12016, EN 298, EN 50156-1, EN 61000-6-7, EN 61131-2 (Zone B), EN IEC 61000-6-2, EN IEC 61000-6-4 |
| Vibration                       |                      |                                                                                                               |                                                                                                               |                                                                                                               |
| in accordance with the standard | EN 60068-2-6         | EN 60068-2-6                                                                                                  | EN 60068-2-6                                                                                                  | EN 60068-2-6                                                                                                  |
| Frequency                       | 8,4 - 150 Hz         | 8,4 - 150 Hz                                                                                                  | 8,4 - 150 Hz                                                                                                  | 8,4 - 150 Hz                                                                                                  |
| Acceleration                    | 10 m/s <sup>2</sup>  | 10 m/s <sup>2</sup>                                                                                           | 10 m/s <sup>2</sup>                                                                                           | 10 m/s <sup>2</sup>                                                                                           |
| Broadband noise                 |                      |                                                                                                               |                                                                                                               |                                                                                                               |
| in accordance with the standard | —                    | EN 60068-2-64                                                                                                 | —                                                                                                             | EN 60068-2-64                                                                                                 |
| Frequency                       | —                    | 5 - 2.000 Hz                                                                                                  | —                                                                                                             | 5 - 2.000 Hz                                                                                                  |
| Acceleration                    | —                    | 2,3 m/s <sup>2</sup> eff.                                                                                     | —                                                                                                             | 2,3 m/s <sup>2</sup> eff.                                                                                     |
| Shock stress                    |                      |                                                                                                               |                                                                                                               |                                                                                                               |
| in accordance with the standard | EN 60068-2-27        | EN 60068-2-27                                                                                                 | EN 60068-2-27                                                                                                 | EN 60068-2-27                                                                                                 |
| Number of shocks                | 6                    | 6                                                                                                             | 6                                                                                                             | 6                                                                                                             |
| Acceleration                    | 150 m/s <sup>2</sup> | 150 m/s <sup>2</sup>                                                                                          | 150 m/s <sup>2</sup>                                                                                          | 150 m/s <sup>2</sup>                                                                                          |
| Duration                        | 11 ms                | 11 ms                                                                                                         | 11 ms                                                                                                         | 11 ms                                                                                                         |
| in accordance with the standard | EN 60068-2-27        | EN 60068-2-27                                                                                                 | EN 60068-2-27                                                                                                 | EN 60068-2-27                                                                                                 |
| Number of shocks                | 1000                 | 1000                                                                                                          | 1000                                                                                                          | 1000                                                                                                          |
| Acceleration                    | 100 m/s <sup>2</sup> | 100 m/s <sup>2</sup>                                                                                          | 100 m/s <sup>2</sup>                                                                                          | 100 m/s <sup>2</sup>                                                                                          |
| Duration                        | 16 ms                | 16 ms                                                                                                         | 16 ms                                                                                                         | 16 ms                                                                                                         |
| Airgap creepage                 |                      |                                                                                                               |                                                                                                               |                                                                                                               |
| in accordance with the standard | EN 50156-1, EN 81-20 | EN 50156-1, EN 81-20                                                                                          | EN 50156-1, EN 81-20                                                                                          | EN 50156-1, EN 81-20                                                                                          |
| Overvoltage category            | III                  | III                                                                                                           | III                                                                                                           | III                                                                                                           |
| Pollution degree                | 2                    | 2                                                                                                             | 2                                                                                                             | 2                                                                                                             |
| in accordance with the standard | EN 61131-2           | EN 61131-2                                                                                                    | EN 61131-2                                                                                                    | EN 61131-2                                                                                                    |
| Overvoltage category            | II                   | II                                                                                                            | II                                                                                                            | II                                                                                                            |
| Pollution degree                | 2                    | 2                                                                                                             | 2                                                                                                             | 2                                                                                                             |
| in accordance with the standard | —                    | EN 50124-1                                                                                                    | —                                                                                                             | EN 50124-1                                                                                                    |
| Overvoltage category            | —                    | OV2                                                                                                           | —                                                                                                             | OV2                                                                                                           |
| Pollution degree                | —                    | PD2                                                                                                           | —                                                                                                             | PD2                                                                                                           |
| Protection type                 |                      |                                                                                                               |                                                                                                               |                                                                                                               |
| in accordance with the standard | EN 60529             | EN 60529                                                                                                      | EN 60529                                                                                                      | EN 60529                                                                                                      |
| Housing                         | IP20                 | IP20                                                                                                          | IP20                                                                                                          | IP20                                                                                                          |

| <b>Mechanical data</b>                            | <b>328811</b>  | <b>327811</b>    | <b>328810</b>  | <b>327810</b>    |
|---------------------------------------------------|----------------|------------------|----------------|------------------|
| MTBF at 40 °C, 100 % duty cycle (8760 hours/year) | –              | <b>550 Jahre</b> | –              | <b>339 Jahre</b> |
| Material                                          |                |                  |                |                  |
| Housing                                           | <b>PPE</b>     | <b>PPE</b>       | <b>PPE</b>     | <b>PPE</b>       |
| Dimensions                                        |                |                  |                |                  |
| Height                                            | <b>107 mm</b>  | <b>107 mm</b>    | <b>107 mm</b>  | <b>107 mm</b>    |
| Width                                             | <b>16,4 mm</b> | <b>16,4 mm</b>   | <b>53,9 mm</b> | <b>53,9 mm</b>   |
| Depth                                             | <b>32,9 mm</b> | <b>32,9 mm</b>   | <b>32,9 mm</b> | <b>32,9 mm</b>   |
| Weight                                            | <b>24 g</b>    | <b>25 g</b>      | <b>74 g</b>    | <b>76 g</b>      |

## 9 Supplementary data

### 9.1 Operating height

The values stated in the technical details apply to the use of the device in operating heights up to max. 2000 m above SL. When used at higher levels, restrictions of the max. ambient temperature (standard IEC 61131-2) must be taken into account.

| Operating height above SL [m] | Multiplication factors for the devices' max. ambient temperature |
|-------------------------------|------------------------------------------------------------------|
| 0 ... 2000                    | 1.0                                                              |
| 3000                          | 0.9                                                              |
| 4000                          | 0.8                                                              |
| 5000                          | 0.7                                                              |



## 10 Order reference

### 10.1 Product

| Product type  | Features                                                                                                                                                                                      | Product ID |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| PSS u2 B 1    | PSS u2, accessories, backplane, for electronic modules, 1 slot, width 12.6 mm, height 107 mm, note the mounting distances                                                                     | 328811     |
| PSS u2 B 4    | PSS u2, accessories, backplane, for electronic modules, 4 slots, width 50.1 mm, height 107 mm, note the mounting distances                                                                    | 328810     |
| PSS u2 B 1 -R | PSS u2, accessories, backplane, for electronic modules, 1 slot, for increased environmental requirements and railway applications, width 12.6 mm, height 107 mm, note the mounting distances  | 327811     |
| PSS u2 B 4 -R | PSS u2, accessories, backplane, for electronic modules, 4 slots, for increased environmental requirements and railway applications, width 50.1 mm, height 107 mm, note the mounting distances | 327810     |

### 10.2 Accessories

#### Shield connection element

| Product type            | Features                                                                           | Product ID |
|-------------------------|------------------------------------------------------------------------------------|------------|
| PSS u2 A SH 4 (10 pcs.) | Shield connection element for backplane with 4 slots, scope of delivery: 10 pieces | 328820     |

#### Labelling backplane

| Product type             | Features                                                                              | Product ID |
|--------------------------|---------------------------------------------------------------------------------------|------------|
| PSS u2 A LA E1 (10 pcs.) | Labelling strips for electronic module/head module 23.5 x 10.5 mm (10 x DIN A4 sheet) | 328913     |
| PSS u2 A LC B4 (10 pcs.) | Labelling bracket for backplane, scope of delivery: 10 pieces                         | 328916     |

## 11 EU/EC declaration of conformity

These products meet the requirements of the directive 2006/42/EC on machinery up to and including 19 January 2027, and the EU regulation 2023/1230 of the European Parliament and of the Council from 20 January 2027. The full EU and EC declaration of conformity is available to download at [www.pilz.com/manuals](http://www.pilz.com/manuals).

Authorised representative: Pilz GmbH & Co. KG, Felix-Wankel-Str. 2, 73760 Ostfildern, Germany

## 12 UKCA-Declaration of Conformity

These products comply with following UK legislation: Supply of Machinery (Safety) Regulation 2008.

The complete UKCA Declaration of Conformity is available on the Internet at [www.pilz.com/manuals](http://www.pilz.com/manuals).

Representative: Pilz Automation Technology, Pilz House, Little Colliers Field, Corby, Northamptonshire, NN18 8TJ United Kingdom, eMail: [mail@pilz.co.uk](mailto:mail@pilz.co.uk)

► Support

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Pilz develops environmentally-friendly products using ecological materials and energy-saving technologies. Offices and production facilities are ecologically designed, environmentally-aware and energy-saving. So Pilz offers sustainability, plus the security of using energy-efficient products and environmentally-friendly solutions.



We are represented internationally. Please refer to our homepage [www.pilz.com](http://www.pilz.com) for further details or contact our headquarters.

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