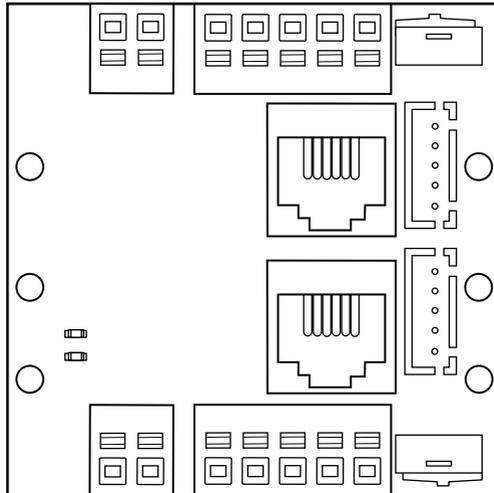


# CAN-bridge manual



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## Technical data

<b>Art. number:</b>	*CAN-BRIDGE-OEM
<b>Size:</b>	70x70 mm
<b>Supply voltage:</b>	18-28 VDC
<b>Supply current:</b>	30 mA @ 24 VDC

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## General information

This unit was built with state-of-the-art technology and to generally recognised safety related technical standards currently applicable. These installation instructions are to be followed by all people working with the unit, in both installation and maintenance.

It is extremely important that these installation instructions are made available at all times to the relevant technicians, engineers or servicing and maintenance personnel. The basis prerequisite for safe handling and trouble free operation of this system is a sound knowledge of the basic and special safety regulations concerning conveyor technology, and elevators in particular. The unit may only be used for its intended purpose. Note in particular that, no unauthorised changes or additions may be made inside the unit or individual components.

### Exclusion of liability

The manufacturer is not liable with respect to the buyer of this product or to third parties for damage, loss, costs or work incurred as a result of accidents, misuse of the product, incorrect installation or illegal changes, repairs or additions. Claims under warranty are likewise excluded in such cases. The technical data is the latest available. The manufacturer accepts no liability arising from printing errors, mistakes or changes.

### Declaration of conformity

Download "The declaration of conformity" at our website: [www.safeline-group.com](http://www.safeline-group.com)

### Safety Precautions!

- Only trained professionals, who are authorised to work on the equipment, should install and configure this product.

- This quality product is dedicated for the lift industry. It has been designed and manufactured to be used for its specified purpose only. If it is to be used for any other purpose, SafeLine must be contacted in advance.

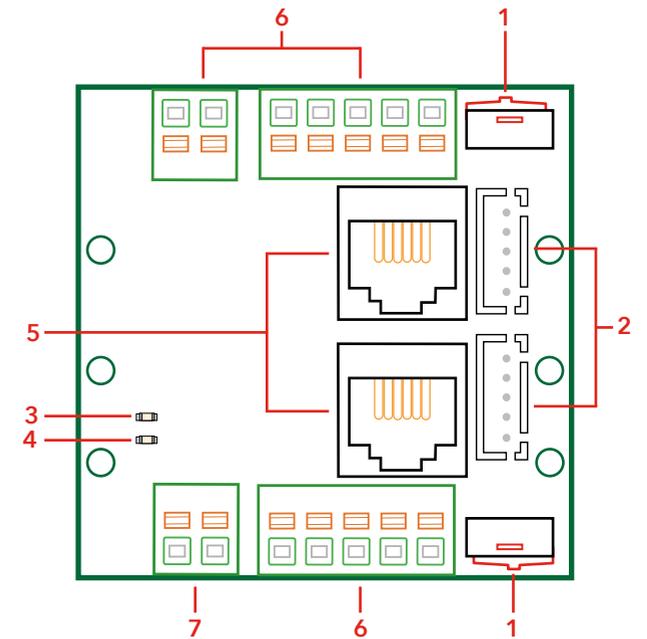
- It should not be modified or altered in any way, and should only be installed and configured strictly following the procedures described in this manual.

- All applicable health and safety requirements and equipment standards should be considered and strictly adhered to when installing and configuring this product.

- After installation and configuration this product and the operation of the equipment should be fully tested to ensure correct operation before the equipment is returned to normal use.

Electrical and electronic products may contain materials, parts and units that can be dangerous for the environment and human health. Please inform yourself about the local rules and disposal collection system for electrical and electronic products. The correct disposal of your old product will help to prevent negative consequences for the environment and human health.

## Overview



### 1. Termination

The CAN bus can be terminated at the device side by using the switch.

### 2. CAN connectors, JST

The connectors are used for CAN bus connection and power supply. Just one connection, regardless which one, is sufficient for power supply. The second one can be used as a power source for another device.

### 3. Operation mode LED: Repeater

The default configuration is the repeater mode. In this mode the green LED is permanently lit.

### 4. Operation mode LED: Bridge

While in bridge mode the yellow LED is permanently lit. The device has to be set explicitly into this operation mode.

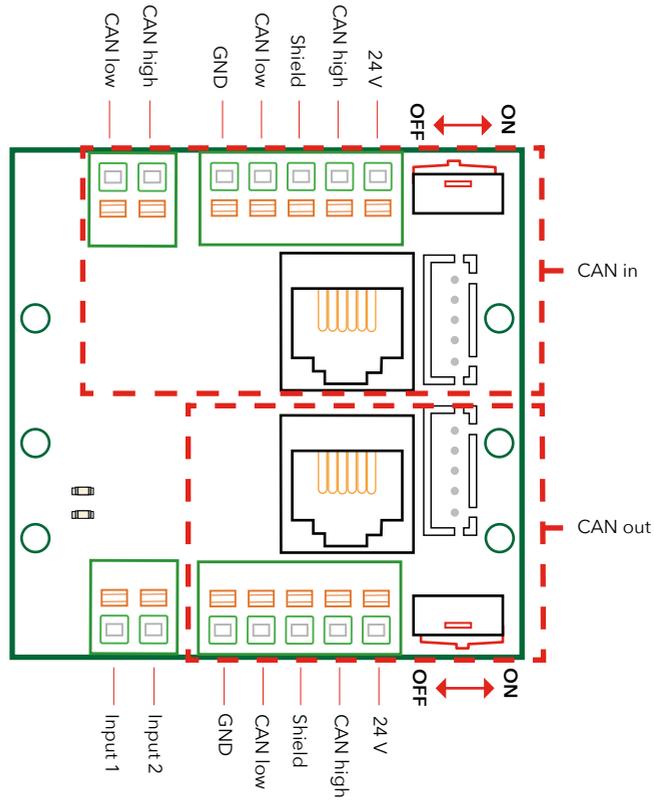
### 5. CAN connectors RJ45

### 6. CAN push-spring terminals

### 7. Inputs



# CAN in/out



## EU Declaration of Conformity

Product: CANOpen-for-Lift Bus repeater and bridge  
 Type / model: **CAN-BRIDGE**  
 Article no: \*CAN-BRIDGE-OEM  
 Manufacturer: SafeLine Sweden AB  
 Year: 2020

We herewith declare under our sole responsibility as manufacturer that the products referred to above complies with the following EC Directives:

### Directives

Electro Magnetic Compatibility:	2014/30/EU
RoHS 2:	2011/65/EU

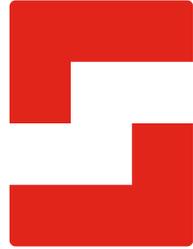
### Standards applied

EN 12015:2014	EMC: Emission, Electromagnetic compatibility
EN 12016:2013	EMC/Lifts: Immunity, Electromagnetic compatibility
EN 50581:2012	RoHS: Technical doc. for assessment of restriction of RoHS.

Tyresö, 2020-03-13



Lars Gustafsson,  
 Technical Manager, R&D , SafeLine Group

**SafeLine Headquarters**

Antennvägen 10 · 135 48 Tyresö · Sweden  
Tel.: +46 (0)8 447 79 32 · info@safeline.se  
Support: +46 (0)8 448 73 90

**SafeLine Denmark**

Erhvervsvej 19 · 2600 Glostrup · Denmark  
Tel.: +45 44 91 32 72 · info-dk@safeline.se

**SafeLine Norway**

Solbråveien 49 · 1383 Asker · Norway  
Tel.: +47 94 14 14 49 · post@safeline.no

**SafeLine Europe**

Industrierrein 1-8 · 3290 Diest · Belgium  
Tel.: +32 (0)13 664 662 · info@safeline.eu  
Support: +32 (0)4 85 89 08 95

**SafeLine Deutschland GmbH**

Kurzgewannstraße 3 · D-68526 Ladenburg · Germany  
Tel.: +49 (0) 6203 840 60 03 · sld@safeline.eu

**SafeLine Group UK**

Unit 47 · Acorn Industrial Park · Crayford ·  
Kent · DA1 4AL · United Kingdom  
Tel.: +44 (0) 1322 52 13 96 · info@safeline-group.uk

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