Safe2Link Remote IO - CS – Safety and Compliance Information

Safety and Compliance Information

For Information in Other Languages

https://qr.hms-networks.com/SafetyLeaflet_Safe2Link

EN **Safety and Compliance Information**

DE **Informationen zu Sicherheit und Compliance**

ES **Información de seguridad y cumplimiento**

FR **Informations sur la sécurité et la conformité**

IT **Informazioni sulla sicurezza e sulla conformità**

SE **Information om säkerhet och efterlevnad**

CN 安全與合規訊息

JP 安全性とコンプライアンス情報

General Safety

CAUTION
This safety device shall be handled, operated, and maintained only by qualified personnel.

CAUTION
It shall only be used as described in the manual of this device. Any other use is considered improper. HMS Industrial Networks assumes no liability for any resulting damage.

CAUTION
It is designed to be used in the environment of industrial automation or process control systems.

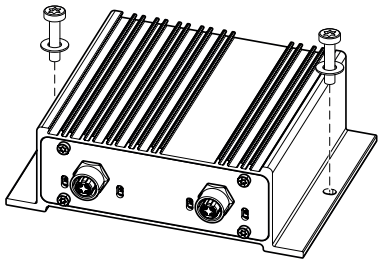
Intended Use

The device is designed to be used in the environment of industrial automation or process control systems for safety functions up to SIL 3 (IEC 61508) or PLe Cat.4 (EN 13849-1).

Model Identification

Article no.	Product name	Product description
1.01.0306.00001	Safe2Link Remote IO - CS	Safe2Link Remote IO is a Safety I/O module for CIP Safety

Mounting the Device



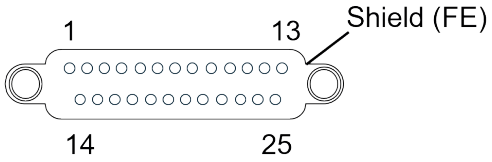
1. Align the Safe2Link Remote IO according to the situation. The Safe2Link Remote IO does not require a dedicated mounting orientation for proper operation.
2. Fix the housing of the Safe2Link Remote IO with washers, spring washers and M4 screws.

Power Supply

Power shall be supplied by a 24 V DC SELV/PELV supply voltage. The supply voltage shall be 24 V DC -20 % / +25 %, see Sub-D25 Connector.

Sub-D25 Connector

Pin Allocation



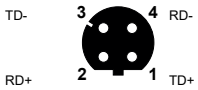
Pin	Name	Type	Data
1	DI1	I	Digital Input 1 **safe**
2	GND	PWR	Power ground reference
3	DI4	I	Digital Input 4 **safe**
4	GND	PWR	Power ground reference
5	DI3	I	Digital Input 3 **safe**
6	GND	PWR	Power ground reference
7	DI5	I	Digital Input 5 **safe**
8	GND	PWR	Power ground reference
9	TO1	O	Test Output 1. Power supply provided to external sensors **safe**
10	GND	PWR	Power ground reference
11	OUT3	O	SS1-t Signal
12	OUT2	O	General purpose non-safe output
13	+24 V	PWR	24 V DC (SELV/PELV) power supply from external source
14	TO2	O	Test Output 2. Power supply provided to external sensors **safe**
15	DO1	O	Digital Output 1 **safe**
16	GND	PWR	Power ground reference
17	DI6	I	Digital Input 6 **safe**
18	GND	PWR	Power ground reference
19	DO2	O	Digital Output 2 **safe**
20	DI2	I	Digital Input 2 **safe**
21	TO1	O	Test Output 1. Power supply provided to external sensors **safe**
22	TO2	O	Test Output 2. Power supply provided to external sensors **safe**
23	GND	PWR	Power ground reference
24	OUT1	O	General purpose non-safe output
25	+24V	PWR	24 V DC (SELV/PELV) power supply from external source

I: Input
O: Output
PWR: Power

Ethernet Connector

Pin Allocation

Ethernet connectors ETH 1 and ETH 2 are 4-pin M12 D-coded female jacks.



Pin	Data
1	TD+ (Transmission Data +)
2	RD+ (Receive Data +)
3	TD- (Transmission Data -)
4	RD- (Receive Data -)

Technical Data

Dimensions	145.0 x 106.5 x 46.0 mm
Weight	663 g
Operating temperature	-10 °C to +50 °C
Storage temperature	-25 °C to +70 °C
Power supply	19.2 V to 30 V, typ. 24 V
Power consumption (24 V)	Typically, 2.4 W
Housing material	AL6063-T5
Protection class	IP54

CE Compliance

The product is in compliance with the Electromagnetic Compatibility Directive. More information and the Declaration of Conformity is found at www.hms-networks.com/.

Enter the article number in the search field. The CE Declaration of Conformity can be found in the 'Support and Downloads' section.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Product name Safe2Link Remote IO - CS
Responsible party HMS Industrial Networks Inc
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Disposal and Recycling

You must dispose of this equipment properly according to local laws and regulations. Because this equipment contains electronic components, it must be disposed of separately from household waste. When this equipment reaches its end of life, contact local authorities to learn about disposal and recycling options, or return the equipment to HMS. For more information, see www.hms-networks.com.

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Box 4126, 300 04 Halmstad, Sweden
C000128 / Publication date 2025-06-10