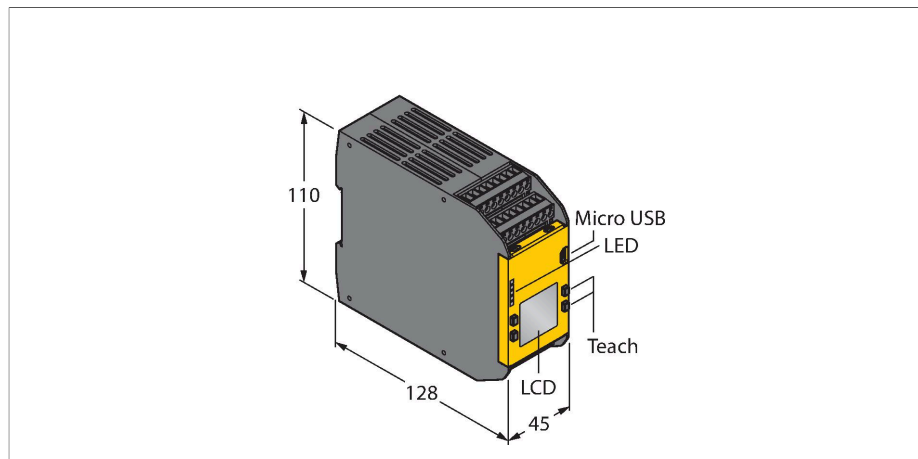# XS26-2D
# Safety Technology – Expandable Programmable Safety Controller

Features

- PLe acc. to ISO 13849-1
- SIL 3 acc. to IEC 61508 and IEC 62061
- Settings made via pushbutton or software
- Expandable with relays, input and output modules
- 26 inputs, of which 8 can be reconfigured as outputs
- 2 independent safety outputs
- Intuitive programming interface
- Display
- Operating voltage 24 VDC +-20%
- Protection class IP20
- Freeware (included in delivery)

Technical data

Type	XS26-2D
ID no.	3085062
Function	Controller
Operating voltage	20…28 VDC
Number of safe semiconductor outputs	2
Response time typical	< 10 ms
Design	Rectangular, XS26
Housing material	Plastic
Electrical connection	Removable terminal block, reverse polarity protected, screw connection
Ambient temperature	0…+55 °C
Relative humidity	0…90 %
Protection class	IP20
Tests/approvals	
Approvals	CE, cULus listed

Wiring diagram
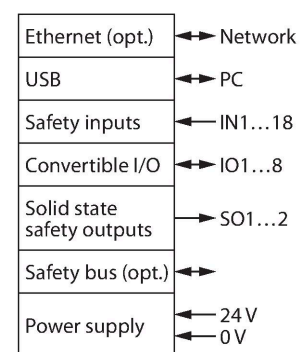
Functional principle

The safety controller can have multiple safety relay modules for the use of emergency stop switches, door-lock switches, safety light screens, two-hand controls, safety mats and other protective devices.
The safety controller can be configured with the software and automatically generates a wiring diagram and a ladder diagram logic.
For the transfer of software created configuration you can either connect a serial USB-cable or an XM-memory card to the the Micro USB port of the controller.
You can display many different events such as the system status, failure diagnosis and configuration overview via the pushbuttons and the LCD panel and also read and write the configuration file via XM memory card.

Hans Turck GmbH & Co. KG | 45466 Mülheim an der Ruhr, Germany | T +49 208 4952-0 | F +49 208 4952-264 | more@turck.com | www.turck.com 1|4

XS26-2D | 06-05-2021 00-35 | Technical modifications reserved

Accessories

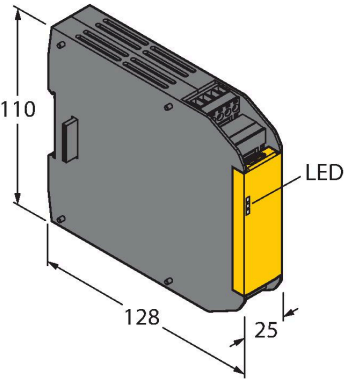| Dimension drawing	Type	ID no.	
Kein Maßbild vorhanden/ No dimension drawing available	SC-TC2	3085078	Terminal block with cage clamps; 8 ports
Kein Maßbild vorhanden/ No dimension drawing available	SC-TS2	3085076	Terminal block with cage clamps; 8 ports
Kein Maßbild vorhanden/ No dimension drawing available	SC-XMP2	3029482	Programming adapter

Accessories

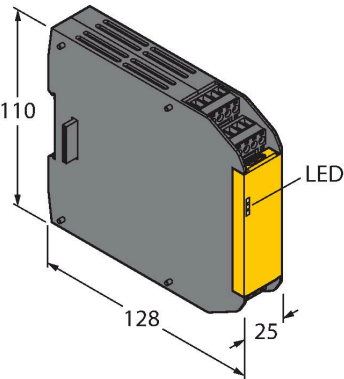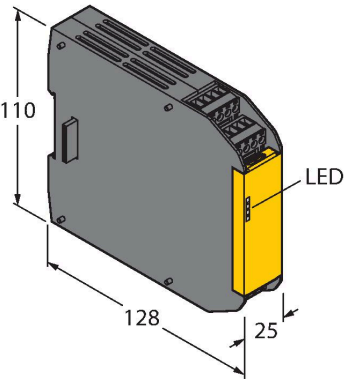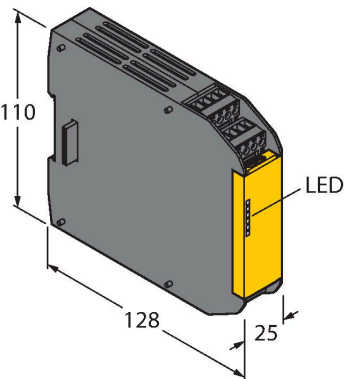| Dimension drawing	Type	ID no.	
	SC-USB2	3029480	Serial USB cable, type A to Micro-B; length: 1.8m
Kein Maßbild vorhanden/ No dimension drawing available			
	SC-XM2	3029481	External memory card, Micro-B; EEPROM configuration
Kein Maßbild vorhanden/ No dimension drawing available			
	CD ROM XS26-2 SAFETY CONTROLLER CONFIGUR	3090443	CD-ROM, configuration software, operating instructions;
	XS8SI	3085070	Safety input module (8 inputs)

110

128   25

LED

Dimension drawing	Type	ID no.	
	XS16SI	3085069	Safety input module (16 inputs)

| | XS2SO | 3085072 | Safety output module (2 outputs) |

| | XS4SO | 3085073 | Safety output module (4 outputs) |

Dimension drawing	Type	ID no.	
	XS1RO	3085074	2-channel safety relay output (1 output)

110
128
25
LED
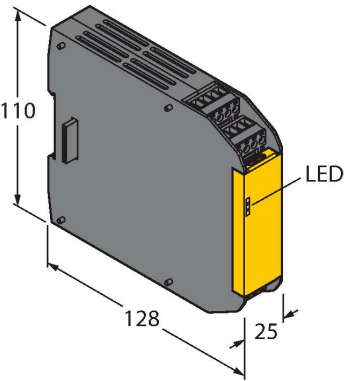
| | XS2RO | 3085075 | 2-channel safety relay output (2 outputs) |

110
128
25
LED