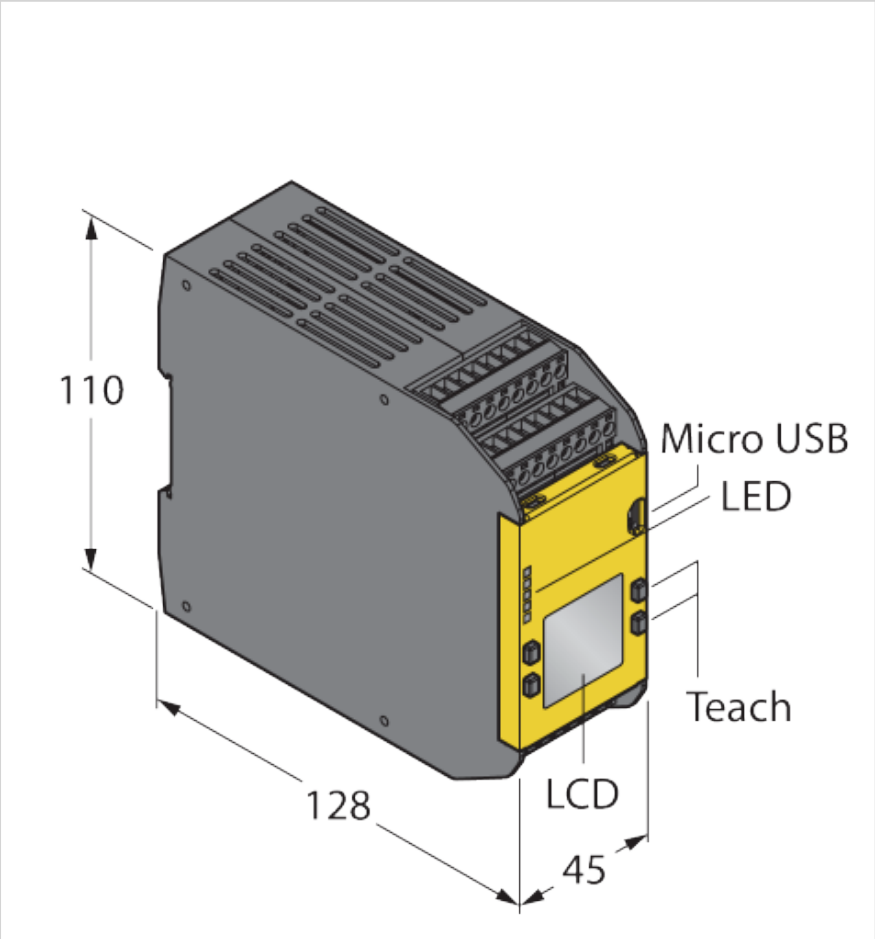
XS26-2D

Safety Module
Expandable Programmable Safety Controller



Type designation	XS26-2D
Ident-No.	3085062

Technical data

Power supply	
Operating voltage U_B	20...28 VDC
Electrical data	
Response time typical	<10 ms
Outputs	
Number of safe semiconductor outputs	2
Mechanical data	

Features

- PLe acc. to ISO 13849-1
- SIL 3 acc. to IEC 61508 and IEC 62061
- Settings configured via push button 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

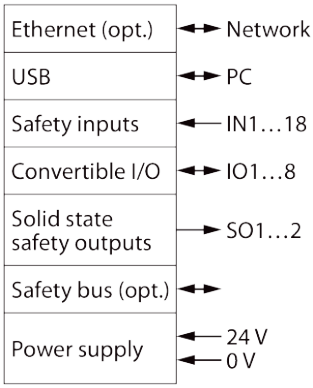
| 25-06-2026 12:06 | Subject to technical changes |

Technical data

Design	Rectangular
Construction type designation	XS26
Housing material	Plastic
Electrical connection	Removable terminal block, reverse polarity protected, screw connection
Ambient conditions	
Ambient temperature	0...+55 °C
Relative humidity	0...90 %
Protection class	IP20
Tests/approvals	
Approvals	CE, cULus listed

- Freeware (included in delivery)

Wiring Diagram



Functional principle

The safety controller can replace multiple safety relay modules for the use of safety input devices such as emergency stop switches, door-lock switches, safety light curtains, two-hand controls, safety mats and other protective devices.
The safety controller can be configured and adjusted using the software and automatically generates a wiring diagram logic and a ladder diagram logic.
The configuration created using the software can be transferred either by connecting a serial USB cable or an XM memory card to the Micro USB port of the controller.
A wide range of information, such as the system status, fault diagnosis and configuration overview, can be displayed via the push buttons and the LCD on the housing of the controller. It is also possible to read and write the configuration file via XM memory card.

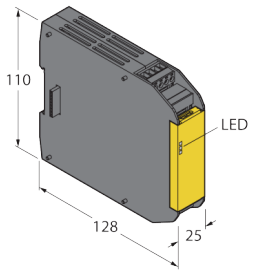
Connection accessories

XS/SC-TC2	**3085078**
	Terminal block with cage clamps; 8 ports
XS/SC-TS2	**3085076**
	Terminal block with cage clamps; 8 ports
SC-XMP2	**3029482**
	Programming adapter

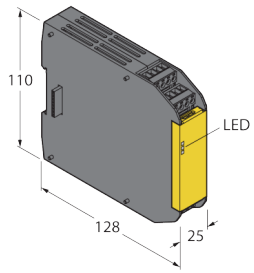
| 25-06-2026 12:06 | Subject to technical changes |

Functional accessories

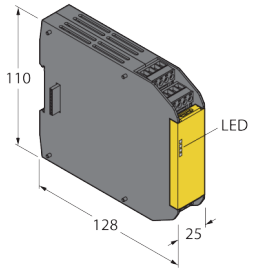
SC-USB2	**3029480**
	Serial USB cable, type A to Micro-B; length: 1.8 m
XS8SI	**3085070**
	Safety input module (8 inputs)



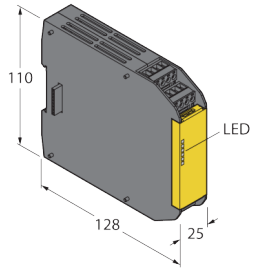
SC-XM2	**3029481**
	External memory card, Micro-B; EEPROM configuration
XS16SI	**3085069**
	Safety input module (16 inputs)



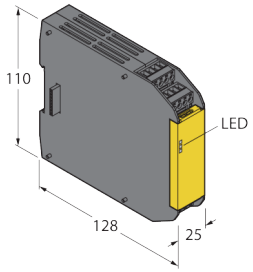
XS2SO	**3085072**
	Safety output module (2 outputs)



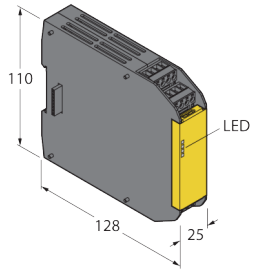
XS4SO	**3085073**
	Safety output module (4 outputs)



XS1RO	**3085074**
	2-channel safety relay output (1 output)



XS2RO	**3085075**
	2-channel safety relay output (2 outputs)



| 25-06-2026 12:06 | Subject to technical changes |