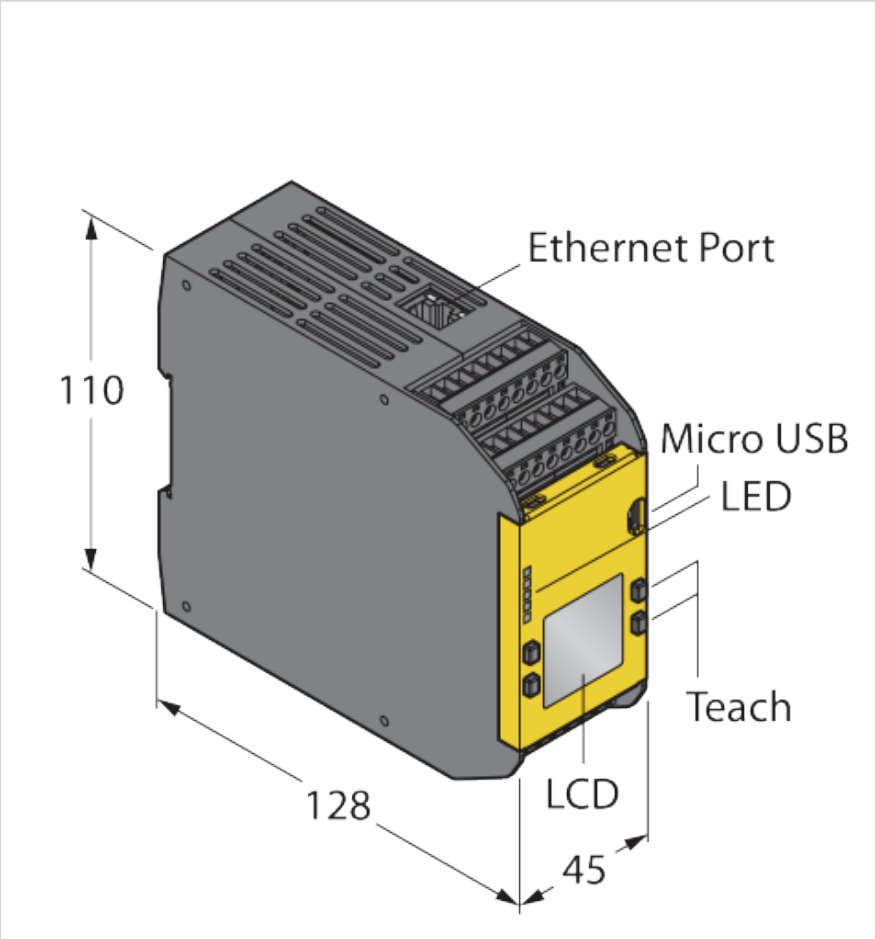
SC26-2DE

Safety Module
Programmable safety controller



Type designation	SC26-2DE
Ident-No.	3085068

Technical data

Power supply	
Operating voltage U_B	20...28 VDC
Electrical data	
No-load current	160 mA
Response time typical	<10 ms
Outputs	
Number of safe semiconductor outputs	2

Features

- PLe acc. to ISO 13849-1
- Safety category 4 acc. to EN 954-1
- SIL 3 acc. to IEC 61508 and IEC 62061
- Settings configured via push button or software
- 26 inputs, of which 8 can be reconfigured as outputs
- 2 independent safety outputs
- Intuitive programming interface
- Display
- Ethernet connection, up to 64 virtual status outputs can be achieved
- Operating voltage 24 VDC ± -20 %

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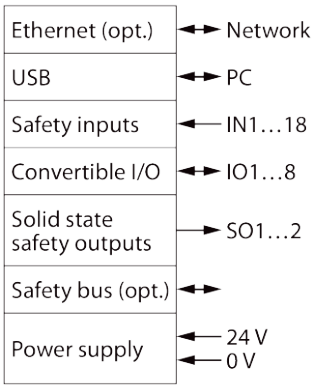
Technical data

Mechanical data	
Design	Rectangular
Construction type designation	SC26
Dimensions	128 mm x 45 mm x 110 mm
Housing material	Plastic, Black
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
Displays/controls	
Power-on indication	LED, Green
Switching state	LED, Red/green

- Protection class IP20
- 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

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Functional accessories

SC-USB2	**3029480**
	Serial USB cable, type A to Micro-B; length: 1.8 m

SC-XM2	**3029481**
	External memory card, Micro-B; EEPROM configuration

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