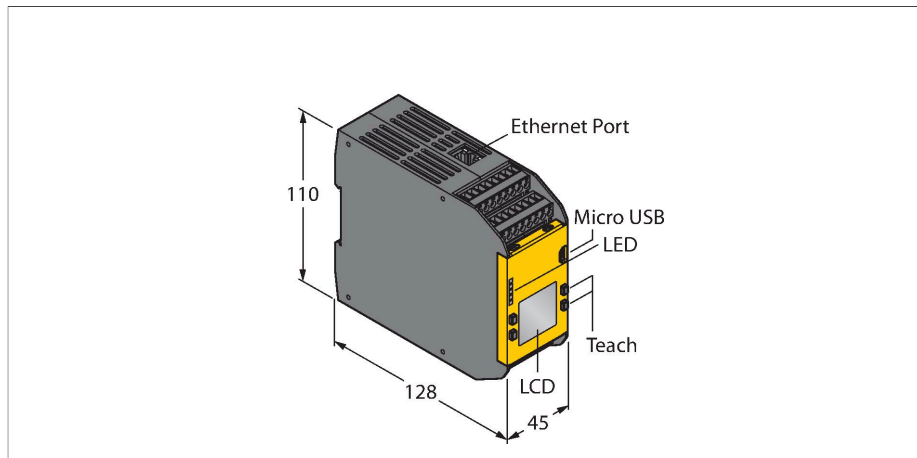


# SC26-2DE

## Safety Technology – Programmable Safety Controller



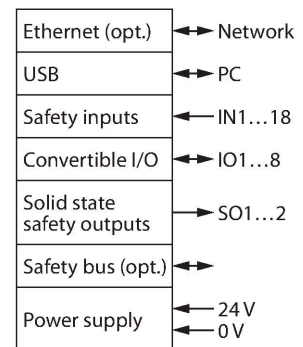
### Features

- PLe acc. to ISO 13849-1
- Safety category 4 acc.to EN 954-1
- SIL 3 acc. to IEC 61508 and IEC 62061
- Settings made via pushbutton 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%
- Protection class IP20
- Freeware (included in delivery)

### Technical data

|                                      |  |
|--------------------------------------|--|
| Type                                 | SC26-2DE   |
| ID                                   | 3085068  |
| Function                             | Controller   |
| Operating voltage                    | 20...28 VDC  |
| No-load current                      | ≤ 160 mA   |
| Communication protocol               | EtherNet/IP<br>Modbus TCP<br>PCCC<br>PROFINET                          |
| Number of safe semiconductor outputs | 2  |
| Response time typical                | < 10 ms  |
| Design                               | Rectangular, SC26  |
| Dimensions                           | 128 x 45 x 110 mm  |
| Housing material                     | Plastic, Black   |
| Electrical connection                | Removable terminal block, reverse polarity protected, screw connection |
| Ambient temperature                  | 0...+55 °C   |
| Relative humidity                    | 0...90 %   |
| Protection class                     | IP20   |
| Power-on indication                  | LED, Green   |
| Switching state                      | LED, Red/Green   |
| <b>Tests/approvals</b>               |  |
| 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.

### Accessories

| Dimension drawing   | Type   | ID      |  |
|---|--------|---------|--|
| <small>Kein Maßbild vorhanden/<br/>No dimension drawing available</small> | SC-TC2 | 3085078 | Terminal block with cage clamps; 8 ports |

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

## Accessories

| Dimension drawing | Type    | ID      |   |
|-------------------|---------|---------|---|
|                   | 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; |
|--|--|---------|---|