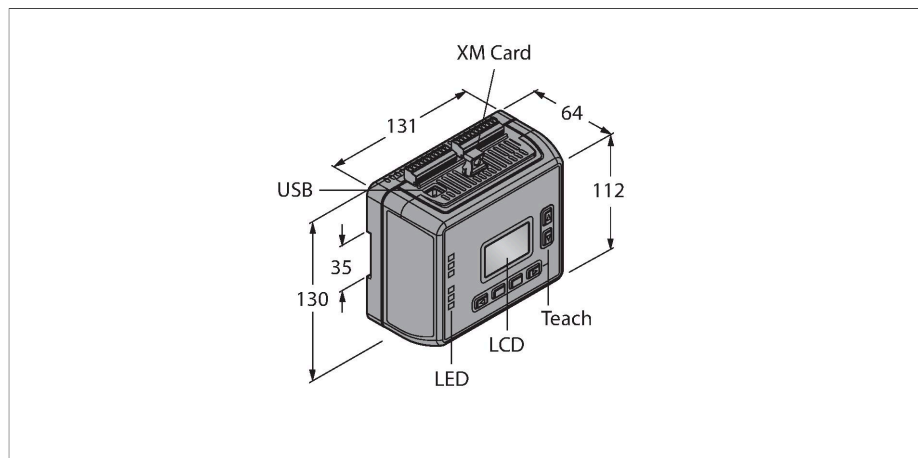


SC22-3E-C

Machine Safety – Safety Controllers



Features

- PLe acc. to ISO 13849-1
- Safety category 4 acc. to EN 954-1
- SIL 3 acc. to IEC 61508 and IEC 62061
- Adjustments via pushbutton or software
- 22 inputs
- 10 unsafe outputs
- 3 safe, redundant PNP outputs (OSSD)
- Adjustable external device monitoring (EDM)
- Status and diagnostic display
- Ethernet/IP
- Modbus/TCP

Technical data

Type	SC22-3E-C
ID no.	3083368
Function	Controller
Operating voltage	20...28 VDC
No-load current	≤ 400 mA
Short-circuit protection	yes / Cyclic
Reverse polarity protection	yes
Communication protocol	EtherNet/IP Modbus TCP Modbus TCP PCCC
Output function	3 × NO contacts, 2 × PNP
Response time typical	< 10 ms
Design	Rectangular, SC22
Dimensions	131 x 64 x 130 mm
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
Power-on indication	LED, Green
Switching state	LED, Red

Functional principle

The SC22-3 replaces numerous relays to connect emergency stop buttons, safety light screens, two-hand operation, insulation mats, cable-operated switches and many more safety devices with the machine safety shutdown. Potential-free contacts and pnp semi-conductive outputs, the voltage supply of which can be displayed by the controller, are monitored and processed. Programming is possible via a PC based software or via push buttons and LCD at the controller housing. The configuration is either transmitted via serial USB cable or with the delivered XM memory card, which can also be used for transmission of copies to other controllers.