

STR

SB400

Access.Safety,Safety interface

OVERVIEW

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	According to the sensors used: LS2 up to 12m LS4 up to 20m

Application

Function Principle	Control unit
Available functions	Manual/Automatic Restart, EDM, System Status
Description	Cat. 4 Safety Module
Usable with	Safety light curtains: LS2, LS4, LP4
Max. number of sensors connected	1 x LS2/LS4 receiver

Functions	Relays modules

Safety parameters

Type	
SIL	
SILCL	
PL	d (2A@230VAC; 1 comm. @30s) e (2A@230VAC; 1 comm. @60s) e (2A@230VAC; 1 comm. @1h) e (2A@230VAC; 1 comm. @24h) d (0,5A@230VAC; 1 comm. @30s) d (0,5A@230VAC; 1 comm. @60s) e (0,5A@230VAC; 1 comm. @1h) e (0,5A@230VAC; 1 comm. @24h)
CFF	80%

Outputs

Output type	2 x relay NO (OSSD safety output) 1 x NO, 100mA, 24V (System Status)
Response time	≤ 20ms

Electrical data

Operating Voltage	24Vdc ± 20%
Power consumption	≤ 5W
Load current	2A @ 250V
Cabel Length (Power Supply/Output)	≤ 100m
Cable Length (sensors)	≤ 100m

Mechanical data

Dimensions	22,5 x 99 x 114,5 mm

Connections	terminals
Operating temperature	0°C … + 55°C

Test/Approvals

Approvals	CE, cULus, TÜV
EMC compatibility	According to 2014/30/EU Directive
Degree of protection	IP20

Generical Data

Dimensions	22,5 x 99 x 114,5 mm
Operating Temperature	0°C … + 55°C
Mechanical Protection	IP20

CONNECTIONS

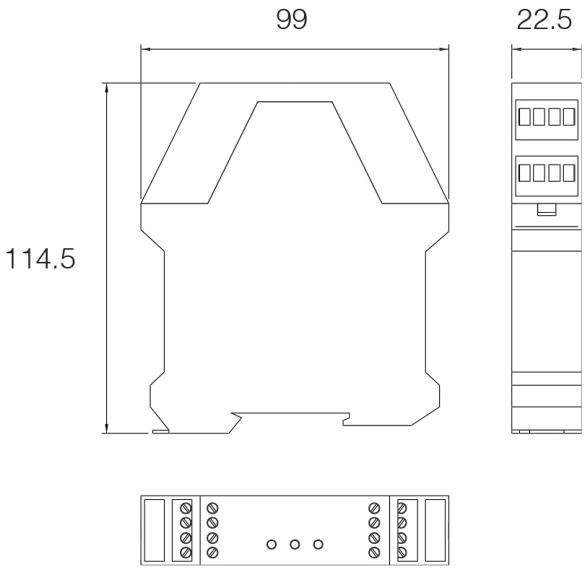
Eletrical diagram



For the wiring diagram, consult the catalogue or manual.

OTHERS

Dimensions



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