

Safety Relay

Add-on Module

SR4E4D01S

Part Number



- Circuit diagram directly on the housing
- Clear terminal assignment thanks to coding pins
- Installation width just 22,5 mm

The extension module serves to reproduce the contacts of basic safety relay modules. In spite of its installation width spanning just 22,5 mm, it offers space for switching status displays and attaching an operating equipment label.

Technical Data

Electrical Data

Supply Voltage	20,4...28,8 V DC
Supply Voltage	20,4...26,4 V AC
Input wiring	1-, 2-channel
Response time (automatic start)	45 ms
Fall time (emergency stop)	< 35 ms
Temperature Range	-25...60 °C
Storage temperature	-40...85 °C
Number of Safety Outputs stop 0	4
Switching current safety output (250 V AC)	6 A
Number of auxiliary outputs	2
Switching current auxiliary output (24 V DC)	2 A

Mechanical Data

Housing Material	Plastic
Degree of Protection	IP20
Connection	Screw Clamp (pluggable)
Clampable Wire Cross-Section	0,2...2,5 mm ²
DIN-Rail mounting	35 mm

Safety-relevant Data

Performance Level (EN ISO 13849-1), Stop 0	up to Cat. 4 PL e
Mission Time TM (EN ISO 13849-1)	20 a
Safety integrity level (EN 61508) Stop 0	up to SIL 3
Stop Category (EN 60204-1)	0
B10d Switching Cycles (mechanical)	20 000 000
B10d Switching Cycles (40 % load)	7 500 000
B10d Switching Cycles (60 % load)	2 500 000
B10d Switching Cycles (80 % load)	1 000 000
B10d Switching Cycles (100 % load)	400 000

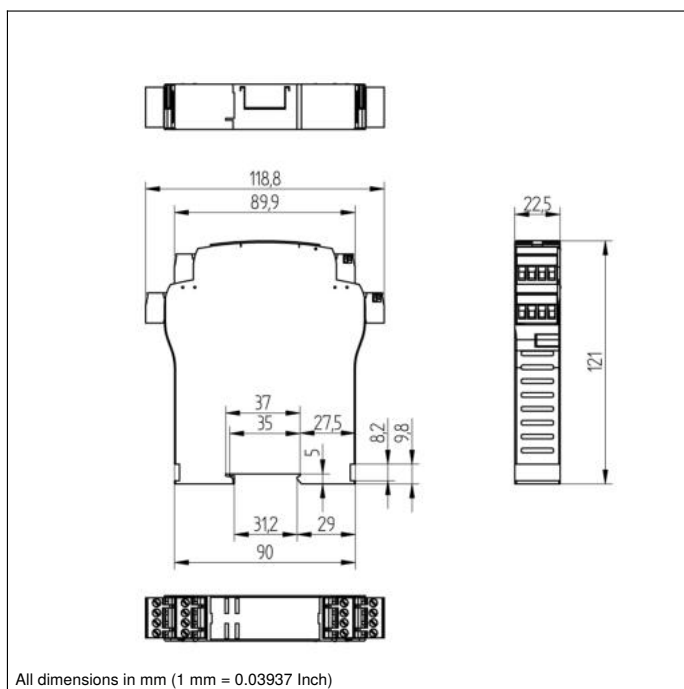
Function

Start, automatically	yes
Contactor Monitoring	yes

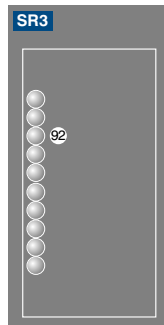
Connection Table No.	21
Control Panel No.	SR3

Complementary Products

Safety Relay SR4B3B01S, SR4D3B01S
Software



Ctrl. Panel



92 = Channel 1/2