

Safety Relay

Basic Module

SG4-00VA000R2

Part Number



- Potential-free load interruption
- Switching status indicator
- Terminal block

In combination with the safety light curtains SG-I and safety light arrays SB-I, the relay unit allows for the interruption of safety-relevant circuits. Floating safety relays are utilized.

Technical Data

Electrical Data

Supply Voltage	21,6...28,8 V DC
Input wiring	2-channel
Response time (automatic start)	20 ms
Fall time (emergency stop)	8 ms
Temperature Range	-20...50 °C
Number of Safety Outputs stop 0	2
Switching current safety output (250 V AC)	3 A

Mechanical Data

Housing Material	Plastic PA
Degree of Protection	IP20
Connection	Screw-type connection (pluggable)
Clampable Wire Cross-Section	0,25...2,5 mm ²
DIN-Rail mounting	35 mm

Safety-relevant Data

Safety Category (EN ISO 13849-1), Stop 0	up to 4
Performance Level (EN ISO 13849-1), Stop 0	up to Cat. 4 PL e
Service Life TM (EN ISO 13849-1)	20 a
Stop Category (EN 60204-1)	0
B10d Switching Cycles (mechanical)	40 000 000
B10d Switching Cycles (60 % load)	400 000
B10d Switching Cycles (100 % load)	200 000

Function

Start, automatically	yes
Input signal OSSD	yes

NO

Connection Table No.

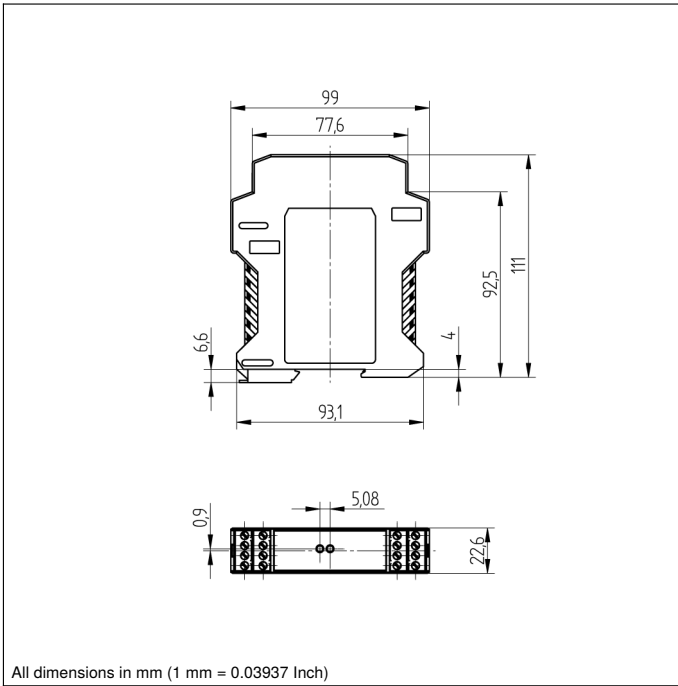
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Control Panel No.

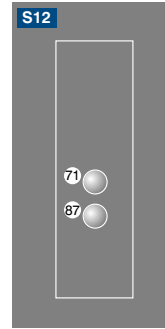
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Complementary Products

Software



Ctrl. Panel



71 = Channel 1
87 = Channel 2