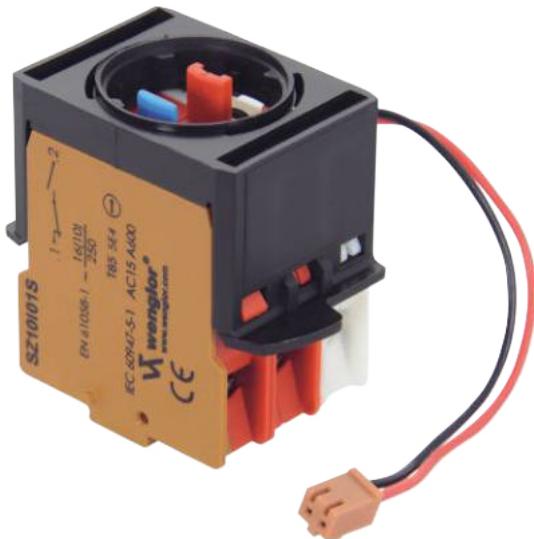


Emergency Stop Switch

Contact Block

SC20J01S

Part Number



Technical Data

Electrical Data

Temperature Range	-30...70 °C
Storage temperature	-50...85 °C
Service Life (nominal load)	20000 Switching Cycles
Protective Insulation, Rated Voltage	250 V

Mechanical Data

Contact material	AgNi
Service Life	20000 Switching Cycles
Bounce time	< 10 ms
Connection	Screw-type connection
Clampable Wire Cross-Section	2,5 mm ²

Safety-relevant Data

B10d Switching Cycles	104 000
Number of positively driven contacts	2

Function

Fault Protection	yes
Lighting module	yes
Applicable actuator	SEAL01

Connection Diagram No.

P08

Actuator must be ordered separately (not included in delivery)

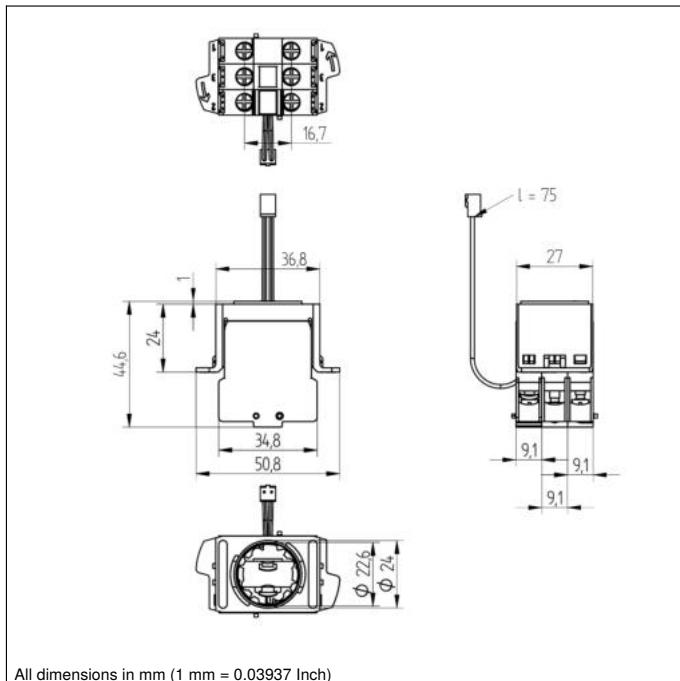
- Including illumination module
- Integrated defect protection
- Narrow installation width

Contact blocks are suitable for applications up to PL e per EN ISO 13849-1 and up to SIL CL 3 per EN 62061.

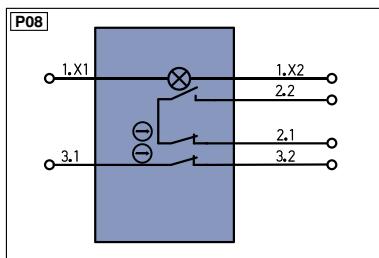
Complementary Products

Safety Relay SR4B3B01S, SR4D3B01S

Software



All dimensions in mm (1 mm = 0.03937 Inch)


Legend

PT	Platinum measuring resistor
nc	not connected
U	Test Input
Ü	Test Input inverted
W	Trigger Input
W-	Ground for the Trigger Input
O	Analog Output
O-	Ground for the Analog Output
BZ	Block Discharge
Awv	Valve Output
a	Valve Control Output +
b	Valve Control Output 0 V
SY	Synchronization
SY-	Ground for the Synchronization
E+	Receiver-Line
E-	Emitter-Line
±	Grounding
SnR	Switching Distance Reduction
RxD	Interface Receive Path
TxD	Interface Send Path
RDY	Ready
GND	Ground
CL	Clock
E/A	Output/Input programmable
IO-Link	IO-Link
PoE	Power over Ethernet
IN	Safety Input
SOSSD	Safety Output
Signal	Signal Output
BL-D	Ethernet Gigabit bidirect. data line (A-D)
EN0RS422	Encoder 0-pulse 0-0 (TTL)
ENARS422	Encoder A/A (TTL)
ENBRS422	Encoder B/B (TTL)
ENA	Encoder A
ENB	Encoder B
AMIN	Digital output MIN
AMAX	Digital output MAX
AOK	Digital output OK
SY IN	Synchronization IN
SY OUT	Synchronization OUT
OLT	Brightness output
M	Maintenance
rsv	reserved
Wire Colors according to DIN IEC 757	
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink
GNYE	Green/Yellow

