



SSP

Safety System Products

S series

Standard safety relay 1 safety function

Your advantages

- Width of just 22,5mm
- Removable coded connection blocks
- One safety relay for each input connection:
- Single channel
- Two channel
- OSSD capable
- Feedback circuit
- Test input
- High current-carrying capacity of up to 6A
- LED diagnosis



To the downloads ►

we simplify safety

S series

General data

Type designation	S series
Item number	SP-S-00-001-01
Functional type	Expansion unit for emergency stop switches and basic devices in safety applications

Safety data

Category (EN ISO 13849-1:2015)	cat. 4
SIL (acc. IEC 62061)	SILCL3
Approvals	TÜV_SÜD, CE

Environmental conditions

Max. storage temperature	-25 ... +75 °C
Max. operating temperature	-25 ... +55 °C
Clearance and creepage distances according to IEC/EN 60664-1	and DIN EN 60664-1
Contamination level	inside: 2 / outside: 3

Electrical data

Rated operating voltage U _e	AC 300 V
Rated impulse withstand voltage U _{imp}	4 kV
Conditional short-circuit current	1000 A
Enabling paths	3 closing contacts; B300; R300
- Max. continuous current	240 VAC / 6 A; 24 VDC / 5 A
- Buzzer current	12 A
Utilisation category	AC-15: U _e 230 V, I _e 4 A (360 h-1) DC-13: U _e 24 V, I _e 4 A (360 h-1) AC-15: U _e 230 V, I _e 3 A (3600 h-1) DC-13: U _e 24 V, I _e 2,5 A (3600 h-1)

Mechanical data

Max. stripping length	8
Stranded wire with end ferrules	1 x 0.25 mm ² to 2.5 mm ² 2 x 0.25 mm ² to 0.5 mm ² \"

S series

Maximum tightening torque	0.5 to 0.6 Nm
Cross section of connections	AWG 26-14, only use Cu wires; 60°C / 75°C
Mechanical service life	10x10 ⁶ operations switching cycles
Maximum tightening torque	5-7 in-lbs (0.56-0.79 Nm)

Downloads

- CAD-Data
- SISTEMA - Data V 4.1
- Product line