



SSP

Safety System Products

Data sheet ZEUS 11-13 00 00

Enabling-/Control unit

- Robust housing in IP65 and IP67
- Modular design
- Ergonomic design
- Combination of consent button and control unit
- LED diagnosis
- Universal connection for self-assembly with terminals



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Safety System Products

ZEUS

General

General data

Type designation	ZEUS 11-13 00 00
Function type	Approval & operating unit
Approvals	TÜV, CE

Safety data

B10d value enable button	100.000
B10d value emergency stop button	100.000
Standards	
- 3-stage enabling switch	IEC60947-5-1, IEC60947-5-8, ISO12100-1, IEC60204-1
- Emergency Stop	EN 60947-5-5/A1:2005, EN 60947-5-1:2004, EN ISO 13850:2008
- EMV	DIN EN 55011:2009 + A1:2010, DIN EN 61000-4-3:2006 + A1:2008 + A2:2010, DIN EN 61000-4-6:2009

Environmental conditions

Storage temperature	-40°C ... 80°C
Operating temperature	-5°C ... 60°C
Protection class according to IEC/EN 60664	IP65, IP67
Clearance and creepage distances according to IEC/EN 60664	
- Overvoltage category	3
- Contamination level	III

Mechanical data

Dimensions (W x H x D)	
- Width	69 mm
- Length	71 mm
- Height	210 mm
Weight	330-400 g - depending on features and variant
Mechanical service life	100.000 cycles
Screw torque	0,8 Nm

Material

- Housing	PA6.6 30% GF, black
- Base plate	V2A
- Enabling switches	Silikon

Base plate

- Without mounting bracket	No attachment possible
- Screw connection	M20 female thread

Electrical data

Supply voltage UB	24V DC ± 5%
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ZEUS

General

Rated operational voltage U _e	DC: 30 V
Rated operational current I _e	DC: 2,5 A
Enabling switches	
- Switch type	2 Changeover contacts
- Service life	
- Position 1>2>1	1.000.000 cycles
- Position 1>2>3>1	100.000 cycles
- Rated operational voltage U _e	DC: 30V
- Rated operational current I _e	DC: 1A
- Contactresistor	max. 50 m ohm (initial value)
Emergency stop switch	
- Switch type	2 Opening contacts
- Mechanical service life	50.000 cycles
- Electrical service life (at nominal load)	50.000 cycles
- Rated operational voltage U _e	24V
- Rated operational current I _e	2A
- Contact resistance	max. 50 m ohm (initial value)
Additional button on the front	
- Switch type	1 Closing contact
- Mechanical service life	1.000.000 cycles
- Electrical service life (at nominal load)	1.000.000 cycles
- Rated operational voltage U _e	
- Rated operational current I _e	
- Contact resistance	max. 50 m ohm (initial value)
Additional button on the top	
- Switch type	1 Closing contact
- Mechanical service life	1.000.000 cycles
- Electrical service life (at nominal load)	1.000.000 cycles
- Rated operational voltage U _e	
- Rated operational current I _e	
- Contact resistance	max. 50 m ohm (initial value)
Connetion	Spring-loaded terminals
Cross-section of connection	0,14 - 0,34 mm ²

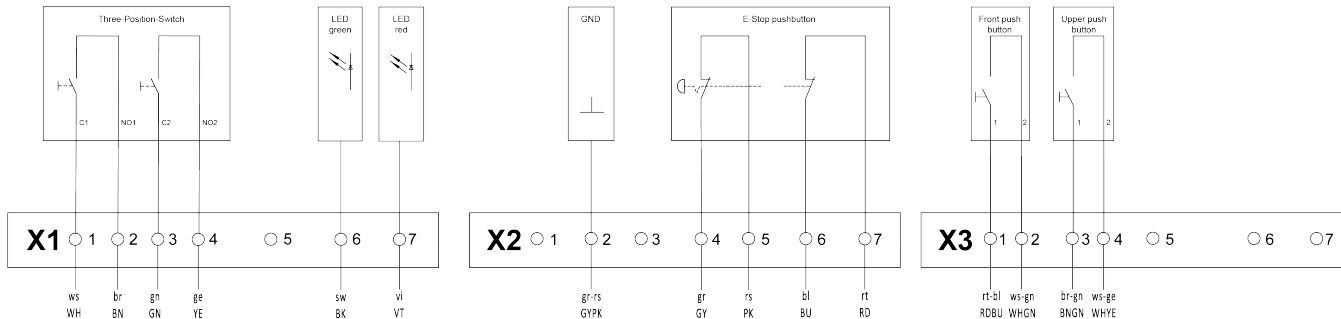


Safety System Products

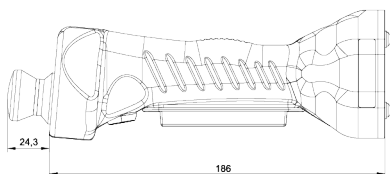
ZEUS

Pictures

Pinout



Dimensions





ZEUS

Equipment

Safety relay series S2

- Item number

SP-K-70-001-00

ZEUS

Equipment

Additional hook set for Zeus

ZEUS ZHS

SP-X-85-801-00



enabling-/operating unit

ZEUS bracket for mounting on

Zeus H2

SP-X-85-800-10



aluminium profiles