



# SSP

Safety System Products

## Data sheet ZEUS 01-00 00 00

### Enabling-/Control unit

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



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## Safety System Products

### ZEUS

### General

#### General data

Type designation	ZEUS 01-00 00 00
Function type	Approval & operating unit
Approvals	TÜV, CE

#### Safety data

B10d value enable button	100.000
Standards	
- 3-stage enabling switch	IEC 60947-5-1, IEC 60947-5-8, ISO 121000-1, IEC 60204-1
- 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 606641	IP65, IP67
Clearance and creepage distances according to IEC/EN 606641	
- Overvoltage category	3
- Contamination level	III

#### Mechanical data

Dimensions (W x H x D)	
- Width	69 mm
- Length	71 mm
- Height	186 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%
Rated operational voltage Ue	DC: 30 V
Rated operational current Ie	DC: 2,5 A

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## Safety System Products

### ZEUS

### General

#### 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 <sub>e</sub> | DC: 30V                       |
| - Rated operational current I <sub>e</sub> | DC: 1A                        |
| - Contactresistor                          | max. 50 m ohm (initial value) |

#### Connetion

Cross-section of connection	Spring-loaded terminals
	0,14 - 0,34 mm <sup>2</sup>

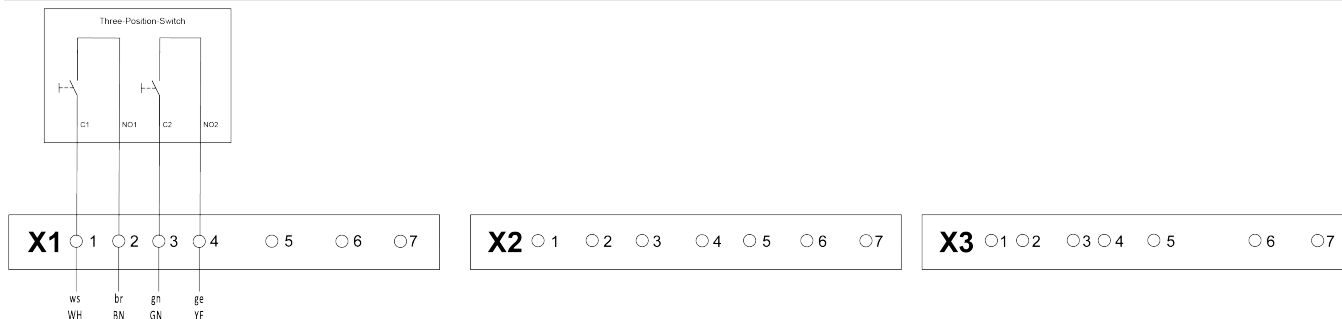


## Safety System Products

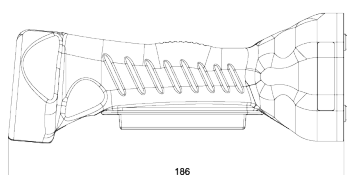
### ZEUS

### Pictures

#### Pinout



#### Dimensions





## ZEUS

## Equipment

### Safety relay series S2

- Item number

SP-K-70-001-00

### ZEUS

### Equipment

Additional hook set for Zeus  
enabling-/operating unit

ZEUS ZHS

SP-X-85-801-00



ZEUS bracket for mounting on  
aluminium profiles

Zeus H2

SP-X-85-800-10

