



# SSP

Safety System Products

## Data sheet ZEUS 01-00 1B 00

### Enabling-/Control unit

- Robust housing in IP65 and IP67
- Modular design
- Ergonomic design
- Combination of consent button and control unit



we simplify safety



## Safety System Products

### ZEUS

### General

#### General data

Type designation	ZEUS 01-00 1B 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

- With mounting bracket	only for use with the ZEUS H (SP-X-85-800-00)
- Screw connection	M20 female thread

#### Electrical data

Supply voltage UB	24V DC ± 5%
Rated operational voltage Ue	DC: 30 V

## ZEUS

## General

Rated operational current  $I_e$

DC: 2,5 A

### Enabling switches

- Switch type
- Service life
  - Position 1>2>1
  - Position 1>2>3>1
- Rated operational voltage  $U_e$
- Rated operational current  $I_e$
- Contactresistor

2 Changeover contacts

1.000.000 cycles

100.000 cycles

DC: 30V

DC: 1A

max. 50 m ohm (initial value)

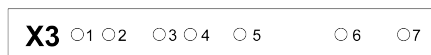
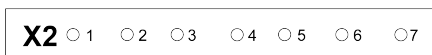
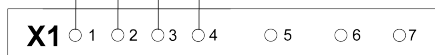
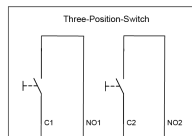


## Safety System Products

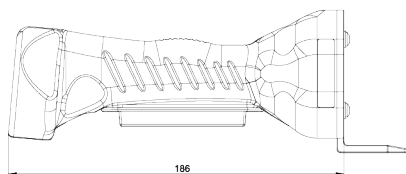
### ZEUS

### Pictures

#### Pinout



#### Dimensions



## ZEUS

## Equipment

### Brackets

- Brackets for ZEUS approval/operating unit
- Designation
- Item number

ZEUS H  
SP-X-85-800-00

### Safety relay series S2

- Item number

SP-K-70-001-00

### ZEUS

Holding bracket for ZEUS with holding  
hook

ZEUS H

SP-X-85-800-00

### Equipment

