



SSP

Safety System Products

Data sheet ZEUS 11-12 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 11-12 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)

Connexion

Spring-loaded terminals

Cross-section of connection

0,14 - 0,34 mm²

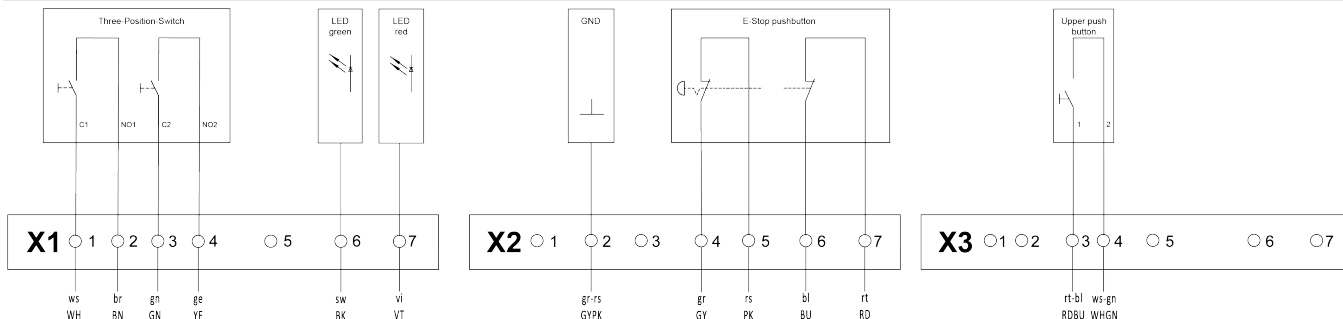


Safety System Products

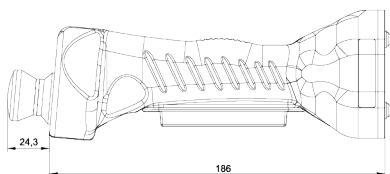
ZEUS

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