



# SSP

Safety System Products

## ZEUS 01-12 11 00

### Enabling/operating unit

#### Your advantages

- Robust housing in IP65 and IP67
- Modular construction
- Ergonomic design
- Combination of enabling button and operating unit
- LED diagnosis
- Universal connection with fixed cable



**To the downloads ►**

**we simplify safety**

## ZEUS 01-12 11 00

ZEUS guarantees fatigue free activity, thanks to an ergonomical design and low weight. It is suitable for left and right handed persons and easily operated with gloves.

With its way to function the 3-Step-Enabling Switch ZEUS creates ideal safety conditions in your enabling operation.

### General data

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| Item number       | 1044663                                                                                            |
| Item number (old) | SP-X-85-902-44                                                                                     |
| Functional type   | Enabling/operating unit                                                                            |
| Standards         | EMV: DIN EN 55011:2009 + A1:2010, DIN EN 61000-4-3:2006 + A1:2008 + A2:2010, DIN EN 61000-4-6:2009 |

### Safety data

|           |         |
|-----------|---------|
| Approvals | TÜV, CE |
|-----------|---------|

### Environmental conditions

|                                                             |                                                     |
|-------------------------------------------------------------|-----------------------------------------------------|
| Max. storage temperature                                    | -40 ... +80 °C                                      |
| Max. operating temperature                                  | -5 ... +60 °C                                       |
| Clearance and creepage distances according to IEC/EN 606641 | Overvoltage category: 3 // Contamination level: III |

### Electrical data

|                |                          |
|----------------|--------------------------|
| Supply voltage | DC ± 5% 24 V             |
| B10d-value     | Enabling button: 100.000 |

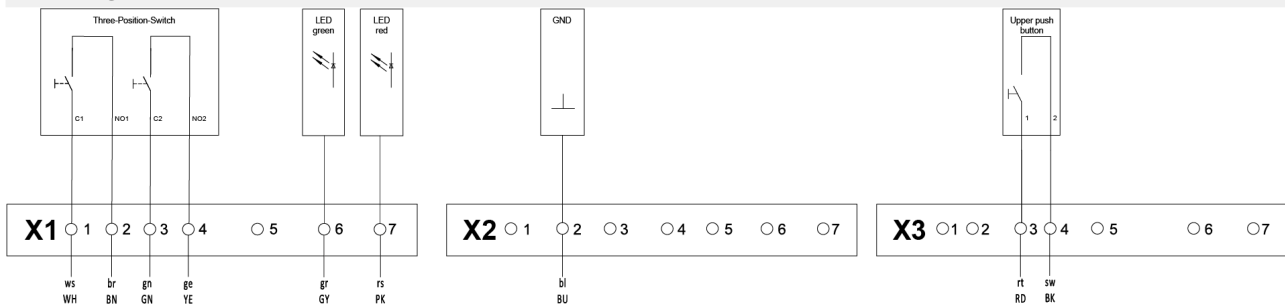
### ZEUS 01-12 11 00

#### Mechanical data

|                          |                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Enabling button material | Silicon                                                                                                        |
| Base plate               | With mounting bracket: only for use with the ZEUS H (SP-X-85-800-00) // screw connections: M20 internal thread |
| Connection material      | PUR according to UL, black                                                                                     |
| Length                   | 71 mm                                                                                                          |
| Width                    | 69 mm                                                                                                          |
| Height                   | 186 mm                                                                                                         |
| Housing material         | PA6.6 30% GF, colour: black                                                                                    |
| Material for base plate  | V2A                                                                                                            |
| Mechanical service life  | 100.000 switching cycles                                                                                       |
| Screw torque             | 0,8 Nm                                                                                                         |

#### Electrical drawings

##### Pin assignment 1



#### Equipment

##### Safe control technology

MOSAIC M1

1019811



### ZEUS 01-12 11 00

|                                                       |           |         |                                                                                       |
|-------------------------------------------------------|-----------|---------|---------------------------------------------------------------------------------------|
| Standard safety relay 1 safety function               | S2 series | 1019455 |    |
| Multi-function safety relay 2 safety functions        | X2 series | 1019457 |    |
| <b>Operating elements</b>                             |           |         |                                                                                       |
| Universal hook                                        | SP UH-K   | 1022689 |   |
| Holding bracket for ZEUS with holding hook            | ZEUS H    | 1027899 |  |
| Additional hook set for Zeus enabling-/operating unit | ZEUS ZHS  | 1027902 |  |

#### Downloads

- Operating manual
- Catalog
- Software Gateway
- Product line
- Certificate
- Certificate UL
- CAD Data