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## ZSA097567C2038 (ORDER NO. 097567)

ZSA, 3-stage, with cable and plug connector RC12

- ▶ Housing G1
- ▶ 3-stage function
- ▶ Straight connecting cable with plug connector, 10 m
- ▶ Direct connection to safety switch



### Description

#### Switching element

2220 2 NO/NC (→)

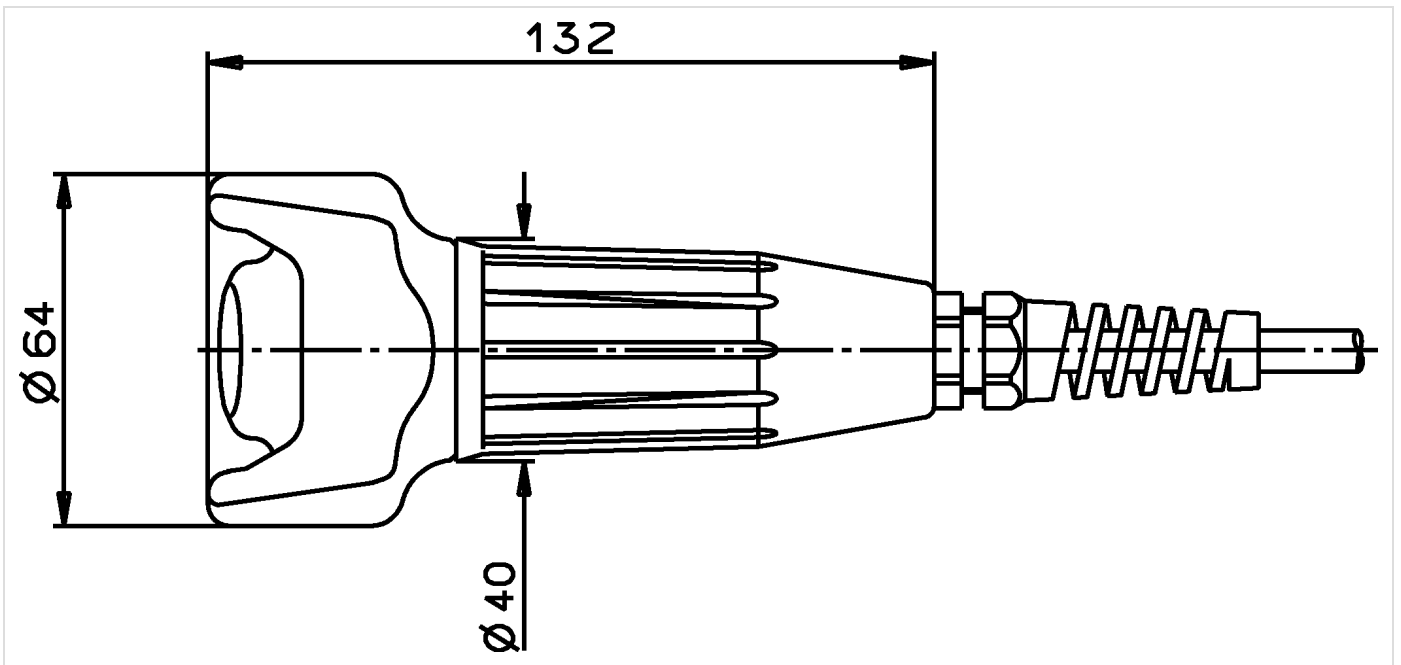
#### Suitable for direct connection to safety switch

This enabling switch can be connected directly to a safety switch (TZ...C1803) (see catalog for safety switches with metal housing).

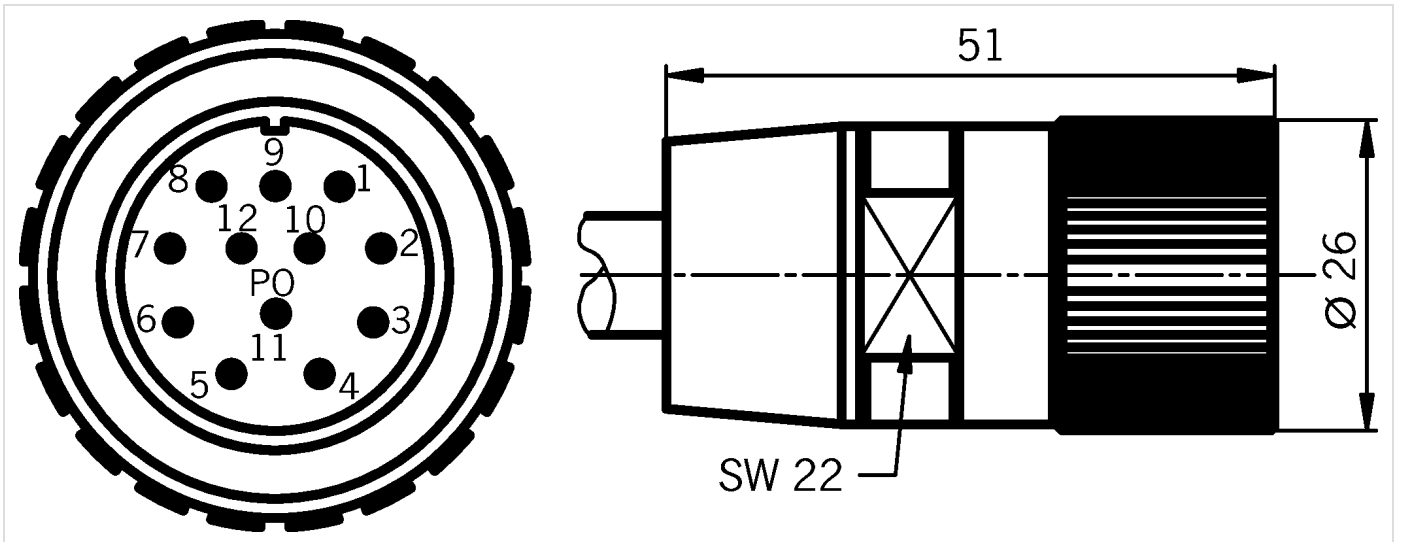
#### 3-stage function

Enabling function is active only in the second stage (center position, actuating point). If the pushbutton is released or pushed further (panic function), the enabling is removed (dependent on the wiring, see function sequence).

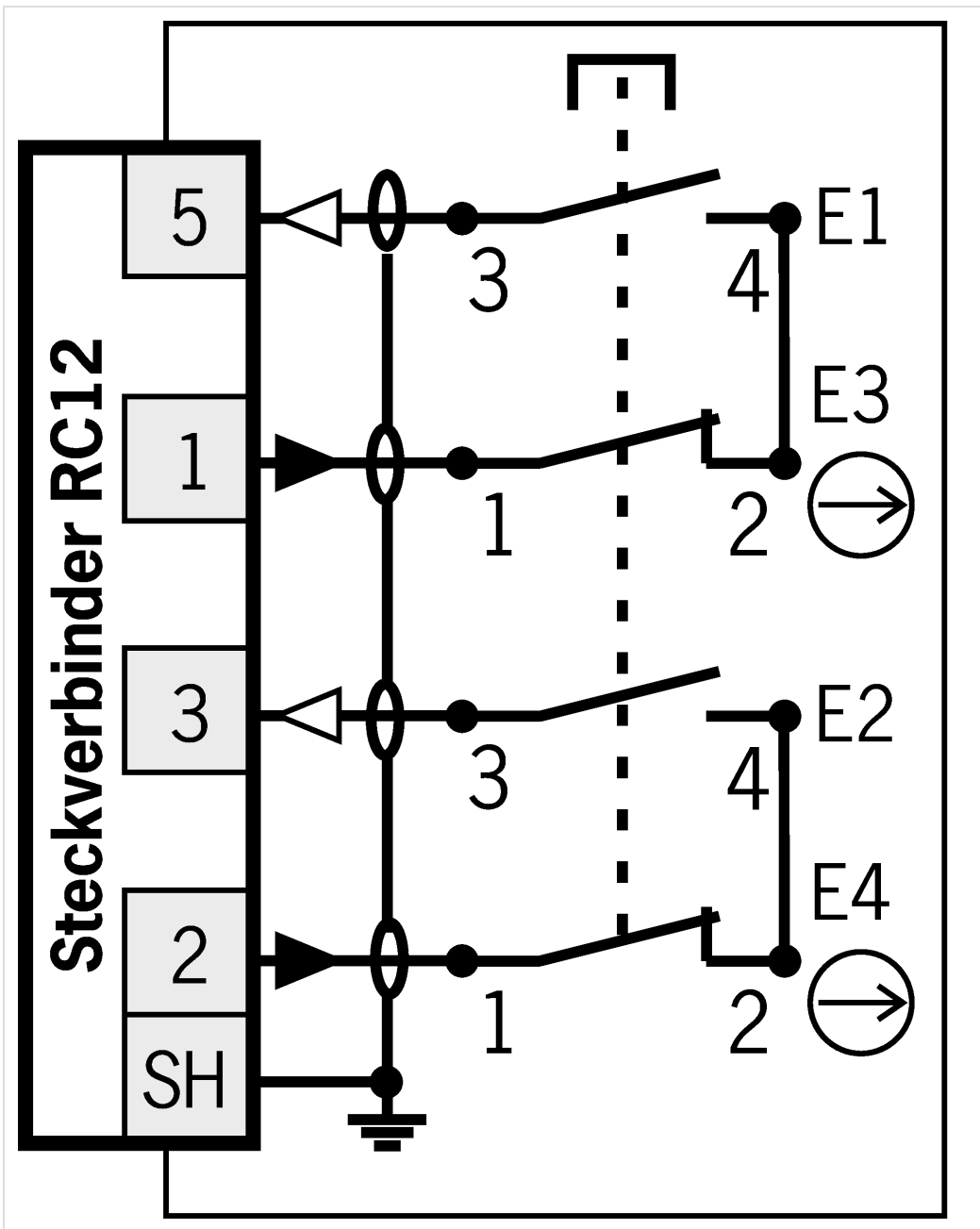
### Dimension drawings



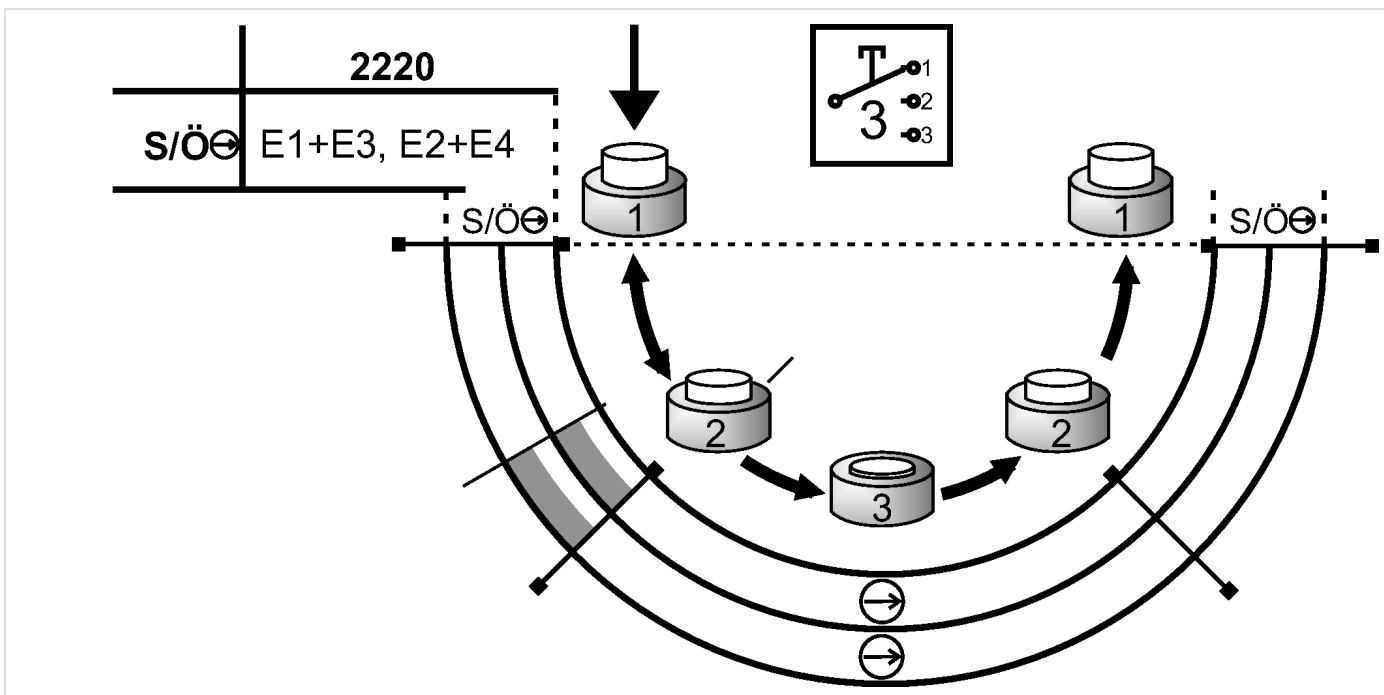
Dimension drawings






Connection examples



Travel diagrams



-  closed, enabling
-  closed
-  open

## Technical data

### Approvals



### Electrical connection ratings

|   |  |
|---|--|
| Connecting cable  | 8x0.5 mm <sup>2</sup> + 8x0.14 mm <sup>2</sup><br>(4x0.5 mm <sup>2</sup> screened + 4x0.5 mm <sup>2</sup> unscreened + 8x0.14 mm <sup>2</sup> unscreened. Outer screen over everything.) |
| Degree of contamination (external, according to EN 60947-1) | 3  |
| rated conditional short-circuit current                     | 100 A  |
| Rated impulse withstand voltage U <sub>imp</sub>            | 0.8 kV   |
| Rated insulation voltage U <sub>i</sub>                     | 32 V   |
| Short circuit protection according to IEC 60269-1           | 2A gG<br>(In case of operating voltages other than 24 V, the short circuit protection must be dimensioned accordingly and checked.)  |
| Switching characteristics                                   | 3-stage enabling switch  |
| Switching current   | min. at 24 V 1 mA  |
| Switching voltage   | min. at 10 mA 12 V   |
| Utilization category  | AC-15 2A 24V<br>DC-13 2A 24V   |

## Mechanical values and environment

|                                      |  |
|--------------------------------------|--|
| Ambient temperature                  | -5 ... +50 °C                          |
| Cable length                         |  |
|                                      | straight 10 m                          |
| Connection                           | Plug connector number of pins 12       |
| Degree of protection                 | IP67                                   |
| Material                             | Plastic                                |
| Mechanical life                      |  |
|                                      | Position 1-2-3-1 0.1 x 10 <sup>6</sup> |
|                                      | Position 1-2-1 0.1 x 10 <sup>6</sup>   |
| Number of NO contacts                | 2                                      |
| Number of positively driven contacts | 2                                      |
| Switching principle                  | Slow-action contact element            |

## Reliability values according to EN ISO 13849-1

|      |                       |
|------|-----------------------|
|      | Enabling switch       |
| B10d | 0.5 x 10 <sup>6</sup> |

## Miscellaneous

|                    |           |
|--------------------|-----------|
| in compliance with | 60947-5-8 |
|--------------------|-----------|

## Accessories

### Mounting accessories

#### Magnetic holder for hand-held enabling switches



059340  
MAGNETHALTERUNG  
ZUSTIMMTASTER


#### Screw holder for hand-held enabling switches


052406  
HALTER KPL.


#### Screw holder with cable hook for hand-held enabling switches


047820  
LEITUNGSHALTER

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