

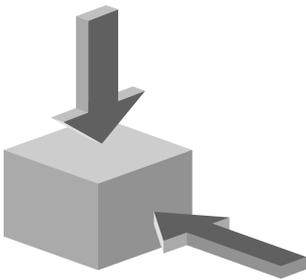
## STA-BI-3A-2131A024RC18C1826 (Order no. 111726)

### Safety switch STA, plug connector M23 (RC18), with door monitoring contact

- ▶ Auxiliary release on the front
- ▶ Additional bi-state function
- ▶ With door monitoring contact
- ▶ Plug connector M23 (RC18)



### Approach direction



Horizontal and vertical  
Can be adjusted in 90° steps

### Additional bi-state function

In addition, the STP-BI has a function to prevent

- ▶ persons from unintentionally locking themselves inside if the safety door is open in case of a power failure or if the machine is switched off
- ▶ the deactivation of the activated guard locking in case of a power failure.

### Solenoid operating voltage

- ▶ AC/DC 24 V +10%, -15%

### Guard locking type

STA3 Closed-circuit current principle, guard locking by spring force. Release by applying voltage to the guard locking solenoid.

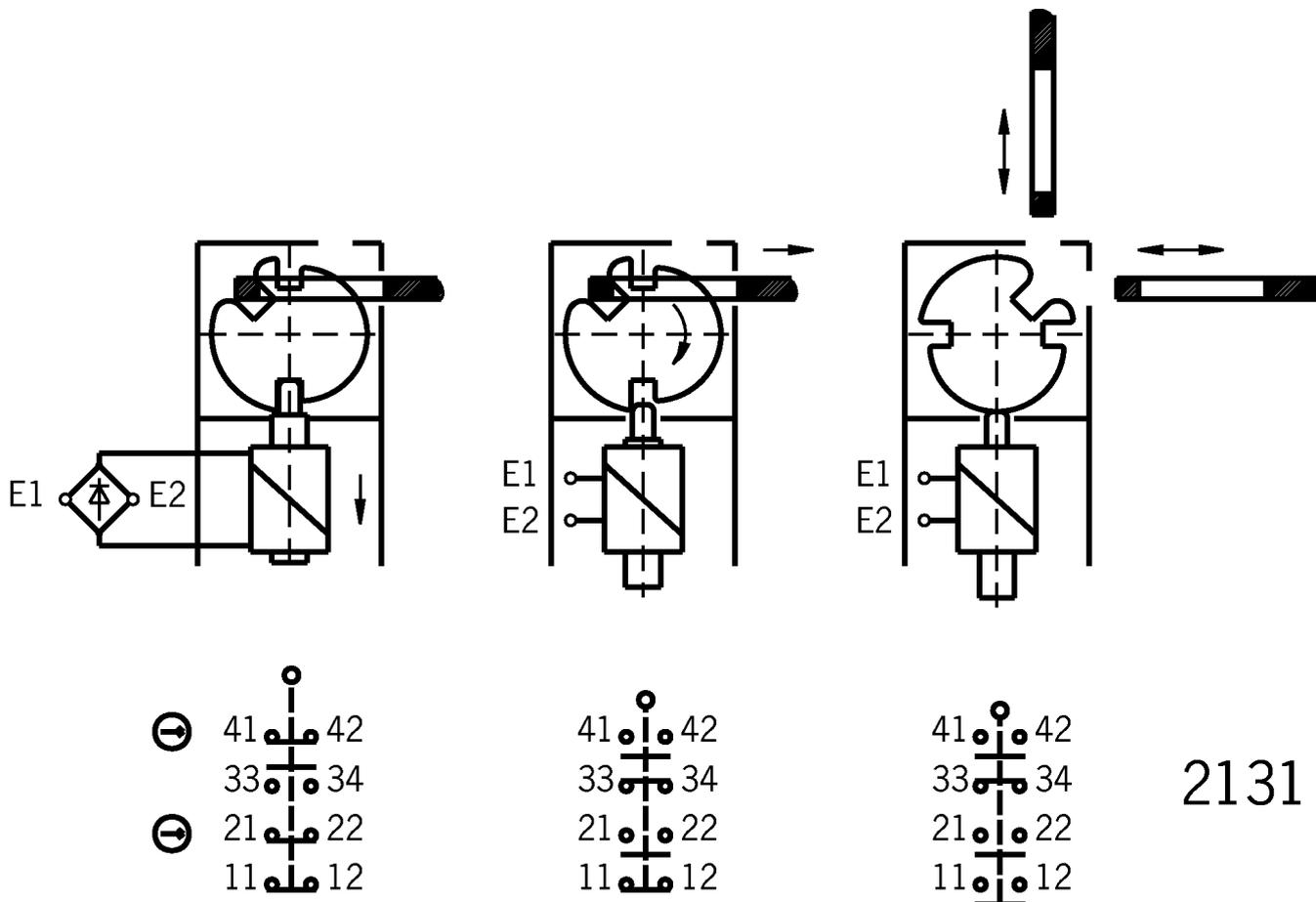
### Switching element

2131 Slow-action switching contact 2 NC  $\text{\textcircled{\rightarrow}}$  + 1 NO + 1 NC (door monitoring contact)

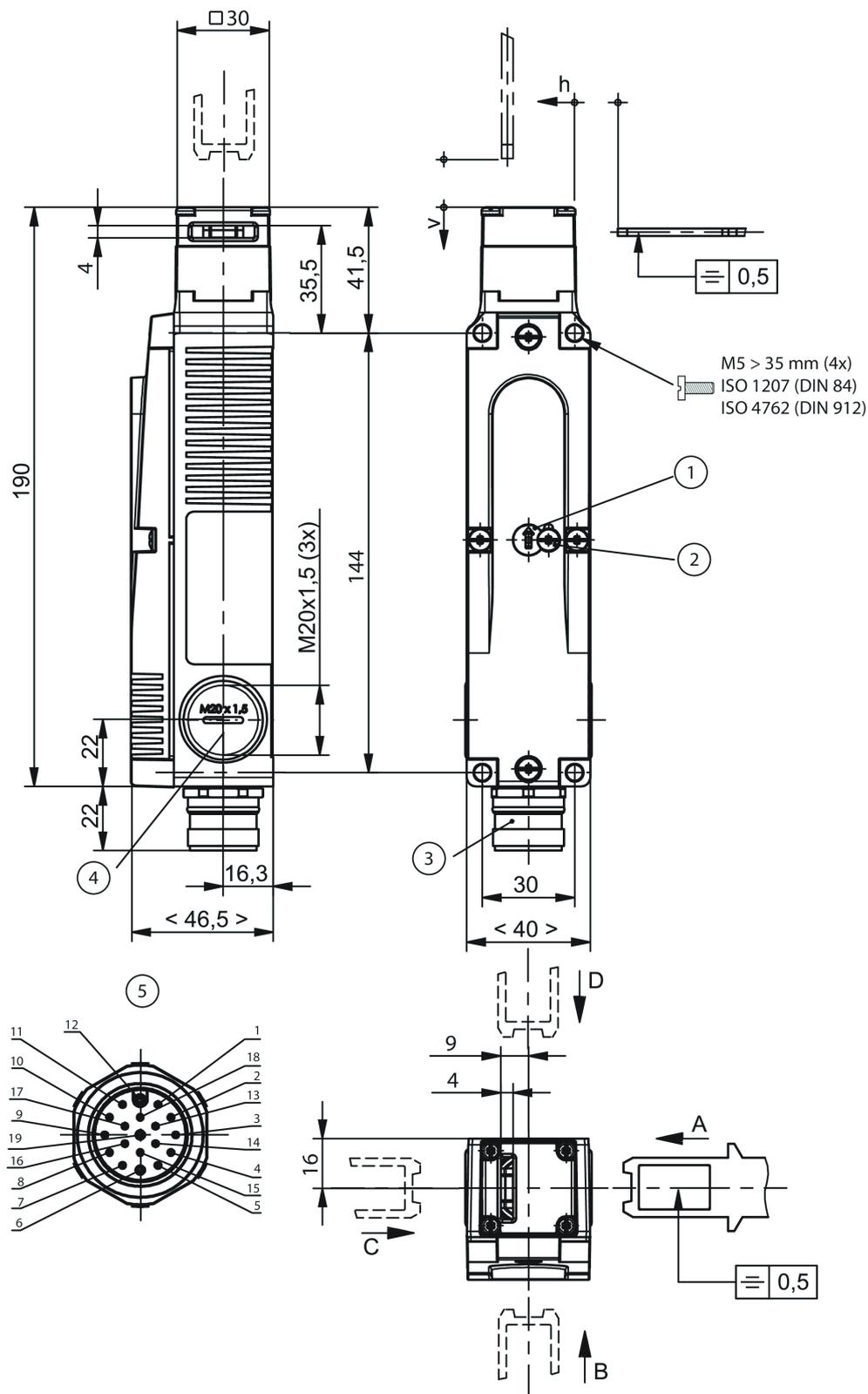
## Auxiliary release

This is used for releasing the guard locking with the aid of a tool. To protect against tampering, the auxiliary release is sealed with sealing lacquer.

## Functional drawings



## Dimensional drawings



- 1 Auxiliary release
- 2 Locking screw
- 3 Built-in connector
- 4 Screw plug M20x1.5 (2x)
- 5 Built-in connector - RC 18 not aligned