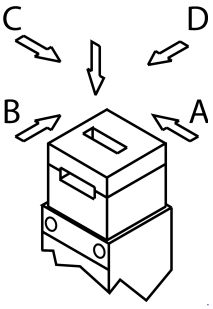
TX3B-A024BH12 (Order no. 082999)

Safety switch TX, plug connector BHA12, unlocking under load

- Plug connector BHA (MR12)
- Contacts for the door position
- Unlocking under load possible
- Auxiliary release
- LED indicator
- Closed-circuit current principle

Approach direction



Horizontal and vertical
Can be adjusted in 90° steps

LED indicator

The LED indicator illuminates red when the safety door is open or closed. It switches off when the safety door is locked. The LED indicator illuminates green when the safety door is closed or closed and locked.

Guard locking principle

Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical guard locking is also used.

Switching element

ETX B Slow-action switching contact

Contacts for guard locking: 2 positively driven contacts + 1 NO contact
Contacts for door monitoring: 1 NC contact

Auxiliary release

The auxiliary release on the front makes it possible to access the machine if there is a malfunction, e.g. a power failure. Unlocking is performed using a tool or a key. The auxiliary release must be protected against misuse (sealing, lacquer).

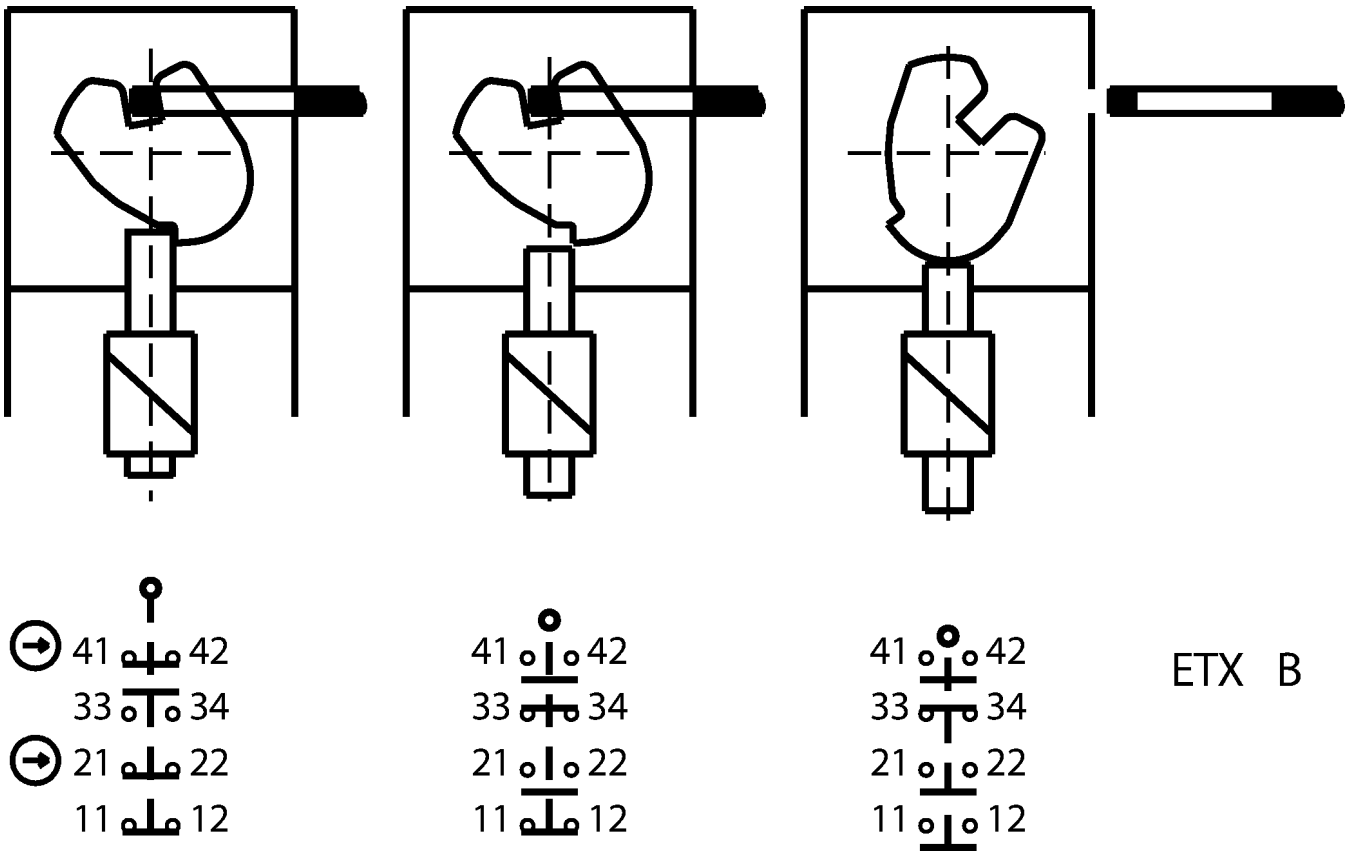
Unlocking under load

This switch possesses increased retention force. The retention force is the maximum force that is allowed to be applied to the actuator with the safety switch in the locked state so that the guard locking cannot be unlocked.

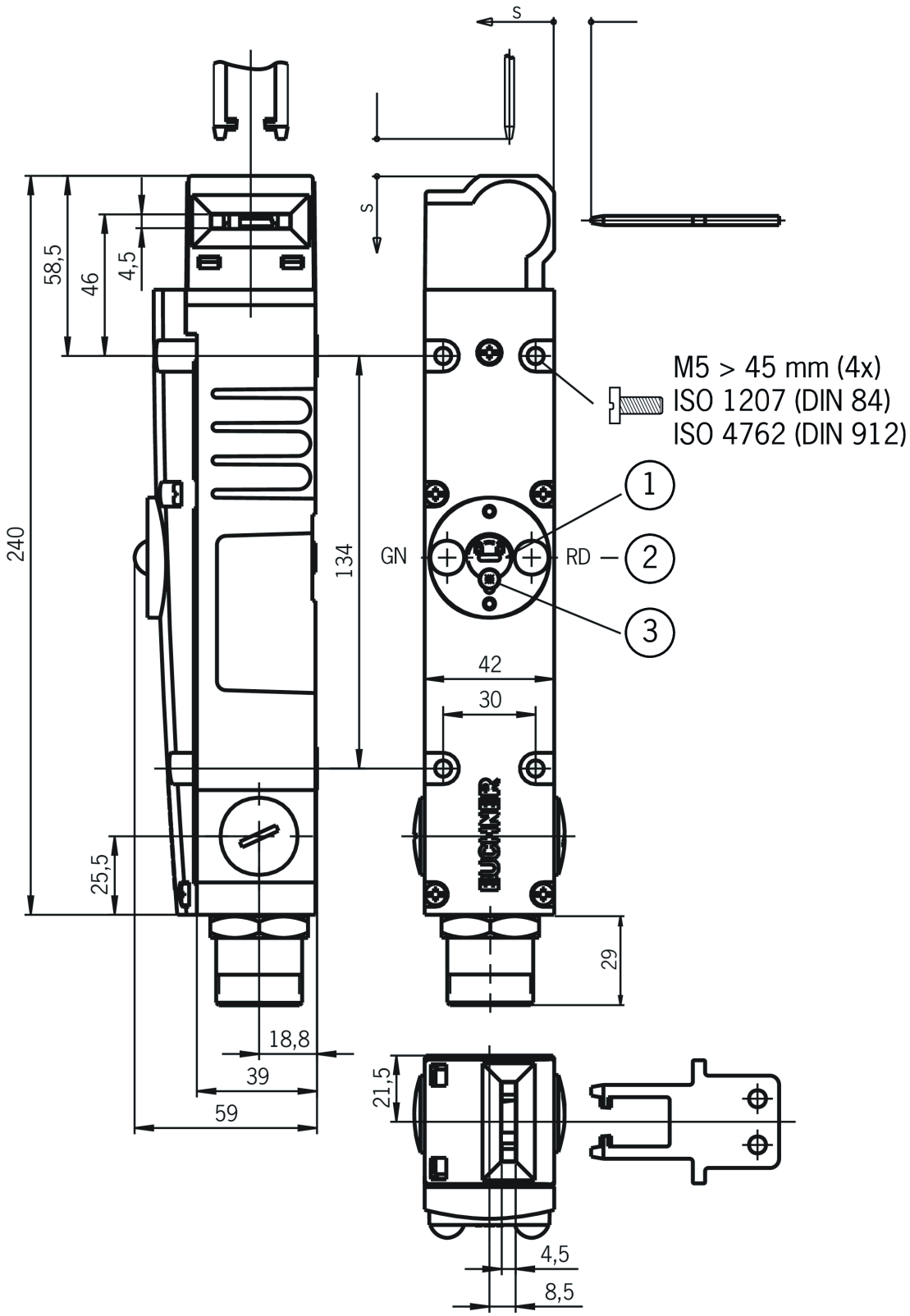
Accessories required

Actuator is not included.

Functional drawings



Dimensional drawings



1 Auxiliary release

2 LED indicator

3 Locking screw