



Solenoid interlock STM 295 2Ö/1Ö1S-R-FE Article no.: 1459973

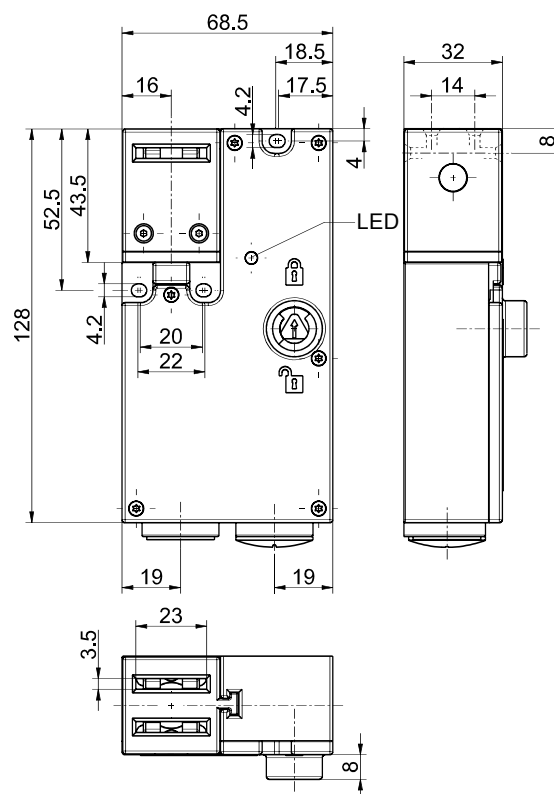
Product features

- Thermoplastic enclosure
- Double insulated
- Spring-to-lock principle
- Locking force 1000 N
- Wiring compartment
- With LED
- FE: with auxiliary release by male triangular wrench M5

Notes

- The actuator is not included in the delivery of the switches

Dimensions



Technical data

Applied standards

EN ISO 13849-1, EN 60947-5-1, EN ISO 14119

Enclosure

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Switch type

type 2

Coding level

low coding

Tightening torque

cover screws: 0.5 ... 0.6 Nm

switch inserts M3 screw connection terminals: min. 0.6 Nm

solenoid M3.5 screw connection terminals: min. 0.8 Nm

Degree of protection

IP67 (IEC/EN 60529)

B_{10d} (10 % load)

1 million

T_M

max. 20 years

Switching system

slow action, positive break NC contacts

Switching elements

2 NC + 1 NC/1 NO contact, type Zb

Connection

screw connection terminals

Cable cross-section

min. 0.2 mm² (AWG 24), max. 1.5 mm² (AWG 16)

Cable entry

2 x M20 x 1.5

Rated insulation voltage U_i

250 V

Rated impulse withstand voltage U_{imp}

4 kV

Conventional thermal current I_{the}

4 A

Utilisation category

AC-15; DC-13

Errors and omissions excepted.



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Technical data (contd.)

Rated operating current/voltage I_e/U_e

enabling/signalling contacts: 4 A/250 VAC; 0.25 A/230 VDC;
direct-current solenoid: 0.08 A / 24 VDC +10 %/-15 %

Short-circuit protection

6 A gG/gN fuse;
direct-current solenoid: 2 A (slow blow)

Power consumption

<2.5 W (continuous operation), max. 47 W (for 250 ms)

Operation cycles

max. 1200/h

Mechanical life

> 500 000 operations

Locking force F_{max}

1000 N

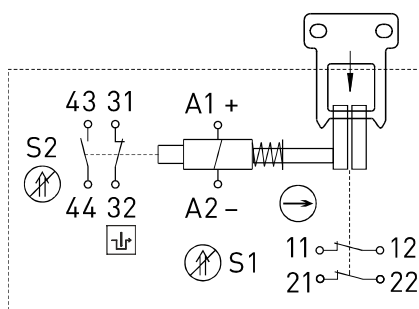
Ambient temperature

-20 °C ... +55 °C

Weight

427 g

Contact diagram



⊖ positive break

⬆ actuated

⬆ not actuated

⬆ monitoring of the guard-lock to EN ISO 14119