



Solenoid interlock STM 295 1Ö1S/1Ö1S-R-FE

Material number: 1183859 (Material number old: 95353003)

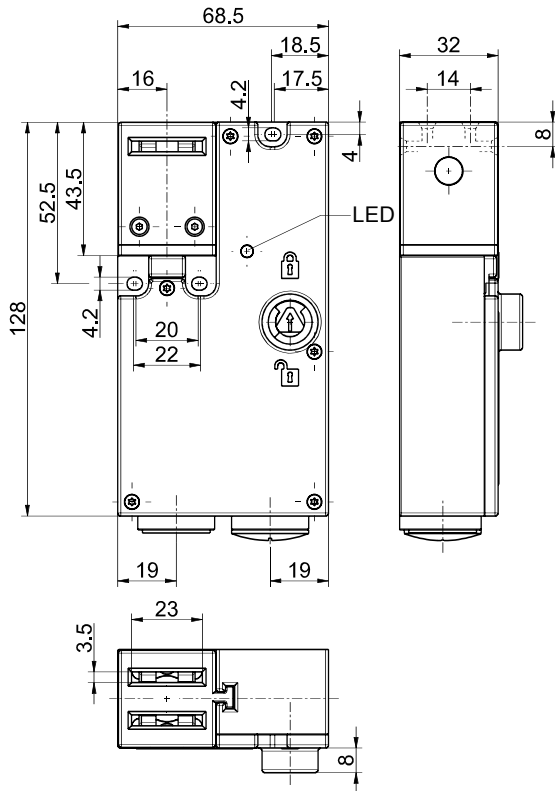
Features/Options:

- Thermoplastic enclosure
- Double insulated
- Spring-to-lock principle
- Locking force 1000 N
- Wiring compartment
- With LED
- FE: with manual 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, impact resistant, 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 | IP 67 to IEC/EN 60529 |
| B_{10d} (10 % load) | 1 million |
| T_M | max. 20 years |
| Switching system | slow action, positive break NC contacts \ominus |
| Switching elements | 1 NC/1 NO contact + 1 NC/1 NO contact, type Zb |
| Connection | screw connection terminals |
| Cable cross-section | min. 0.2 mm ² / AWG 24, max. 1.5 mm ² / 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.



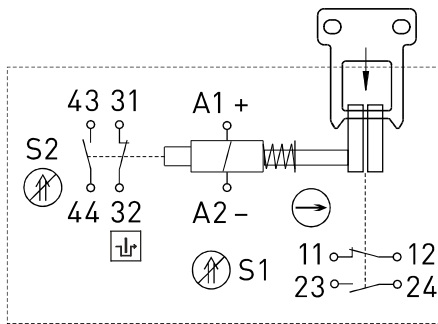
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

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Technical data

| | |
|---|--|
| 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 | max. 47 W (0.25 s) |
| Operation cycles | max. 1200/h |
| Mechanical life | > 500 000 operations |
| Locking force F_{max} | 1000 N |
| Ambient temperature | -20 °C ... +55 °C |
| Approvals |  |
| Weight | 412 g |

Contact diagram



-  positive break
-  actuated
-  not actuated
-  monitoring of the guard-lock to EN ISO 14119

Errors and omissions excepted.