

TZ1LE024-C1527 (Order no. 049162)

Technical data

Approvals



Operating and display elements

LED display

Operating voltage corresponds to the solenoid voltage
(2 LEDs; green, red)

Electrical connection values

| | | |
|---------------------------------|----------------------------------|-----------------------------|
| Fuse | max. 4 A gG (>70 °C =>2 A gG) | |
| Power consumption | 10 W | |
| Rated insulation voltage U_i | 250 V | |
| Rated impulse voltage U_{imp} | 2.5 kV | |
| Utilization category | | |
| | DC-13 | 4 A 24 V (>70 °C =>2 A) |
| | AC-15 | 4 A 230 V (>70 °C =>2 A) |
| Solenoid operating voltage | AC/DC | 24 V -15% ... +10% |
| Solenoid duty cycle | 100 % | |
| Switching voltage | | |
| | min. at 10 mA | 12 V |
| Switching current | | |
| | min. at 24 V | 1 mA |
| thermal rated current I_{th} | 4 A (>70 °C =>2 A) | |

Mechanical values and environment

| | |
|-----------------------|---------------|
| Anfahrgeschwindigkeit | max. 20 m/min |
|-----------------------|---------------|

Approach direction

Actuating head left C

| | |
|--|--|
| Connection type | |
| 1 x | Cable connection (1 = 5,000 mm; positively driven contact for door monitoring contact and positively driven NC contact for guard lock monitoring in series) |
| Number of door position positively driven contacts | 2 |
| Number of guard lock monitoring positively driven contacts | 1 |
| Extraction force | 30 N |
| Actuation frequency | max. 1200 1/h |
| Actuating force | 35 N |
| Lid | black |
| Installation orientation | any |
| Insertion depth | 52 mm |
| Storage temperature | -25 ... 80 °C |
| Mechanical life | 1 x 10 ⁶ |
| Retention force | 10 N |
| Switching principle | Slow-action switching contact |
| Degree of protection | IP65 |
| Ambient temperature | -25 ... 80 °C |
| Material | |
| Contact | Silver alloy, gold flashed |
| Housing | Anodized die-cast alloy |
| Locking force F_{max} | 2000 N |
| Locking force F_{Zh} | 1500 N |
| Guard locking principle | Closed-circuit current principle |

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

| | B10 _D | Mission time |
|----------------------------------|-------------------|--------------|
| Monitoring of the guard position | 3x10 ⁶ | 20 y |