



Electro-mechanical safety switches Safety locking devices, i200 Lock

i200-E0323 Lock



Model Name > [i200-E0323 Lock](#)
Part No. > [6026140](#)

At a glance

- Compact plastic housing
- Stainless steel entry for actuator
- Either rigid, mobile or bolt actuators available
- 3 M20 x 1.5 cable entry glands
- Locked by spring force and magnetic force
- Lock and door monitoring
- LED locking indicator

Your benefits

- High reliability due to rugged metal actuator head, even when the guard has a mechanical offset
- Flexible electrical connectivity due to three cable entry glands
- Improved diagnostics due to additional contacts for door monitoring and LED lock monitoring
- Different switching elements offer the appropriate solution for electrical installation
- Bolt actuator offers personal protection in the hazardous area and prevents an undesirable restart of the machine

Note: The actuator has to be ordered separately. See "Accessories" for further details.



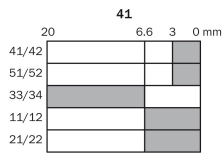
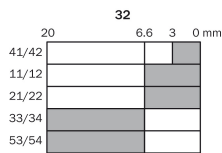
actuator not supplied with delivery

Technical data

| | |
|---|--|
| Housing material: | Glass-fiber reinforced polyester |
| Enclosure rating: | IP 65 (IEC 60529) |
| Ambient operating temperature: | -20 °C ... 60 °C |
| B10d parameter: | 2* 1E 06 switching cycles, with small load |
| Locking type: | Electrical |
| Maximum locking force: | 2,000 N |
| Number of actuation directions: | 3 |
| Approach speed: | 10 m/min |
| Switching principle: | Slow action switching element |
| Number of positive action N/C solenoid monitoring contacts: | 1 |
| Number of N/O solenoid monitoring contacts: | 1 |

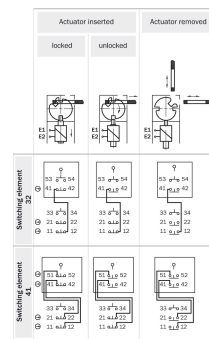
| | |
|---|---------------------------------|
| Number of positive action N/C door monitoring contacts: | 2 |
| Number of N/O door monitoring contacts: | 1 |
| Number of N/C door monitoring contacts: | 0 |
| Mechanical life: | 1* 1E 06 switching cycles |
| Usage category: | AC-15/DC-13 (IEC 60947-5-1) |
| Rated operating current (voltage): | 3 A (240 V AC) 3 A (24 V DC) |
| Solenoid operating voltage: | 24 V DC |
| Connection type: | Cable gland |
| Weight: | 0.55 kg |

Actuator travel diagram



□ Contacts open
■ Contacts closed

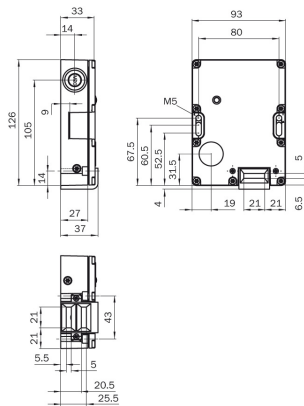
Switching elements



Switching element 32:
1 positive action N/C contact + 1 N/O contact + 2 positive action N/C as door contacts + 1 N/O as door contact

Switching element 41:
2 positive action N/C contacts + 2 positive action N/C as door contacts + 1 N/O as door contact

Dimensional drawing



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