



Electro-mechanical safety switches Safety locking devices, i15 Lock

i15-EM0133 Lock



Model Name > [i15-EM0133 Lock](#)
Part No. > [6034029](#)

At a glance

- Compact plastic housing
- Variants with metal actuator head
- Rigid or mobile actuators
- 1 M20 x 1.5 cable entry gland
- Locked by spring force and magnetic force
- Lock and door monitoring
- IP 67 enclosure rating

Your benefits

- High reliability due to rugged metal actuator head, even when the guard has a mechanical offset
- Improved diagnostics due to additional contacts for door monitoring
- Small housing saves space and can be mounted in tight areas

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



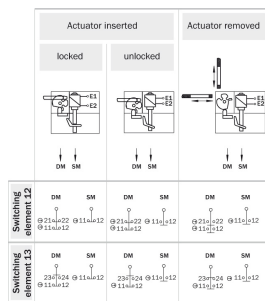
*actuator not supplied
with delivery*

Technical data

Housing material:	Plastic
Actuating head material:	Metal
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature from ... to:	-20 °C ... 55 °C
B10d parameter:	2* 1E 06 switching cycles, with small load
Locking type:	Electrical
Maximum locking force:	2,000 N
Number of actuation directions:	4
Approach speed:	20 m/min
Actuation force:	35 N
Switching principle:	Slow action switching element
Number of positive action N/C solenoid monitoring contacts:	1
Number of N/O solenoid monitoring contacts:	0
Number of positive action N/C door monitoring contacts:	1

Number of N/O door monitoring contacts:	1
Number of N/C door monitoring contacts:	0
Mechanical life:	2* 1E 06 switching cycles
Usage category:	AC-15/DC-13 (IEC 60947-5-1)
Rated operating current (voltage):	4 A (230 V AC) 4 A (24 V DC)
Solenoid operating voltage:	24 V DC
Connection type:	Cable gland
Weight:	0.48 kg

Switching elements



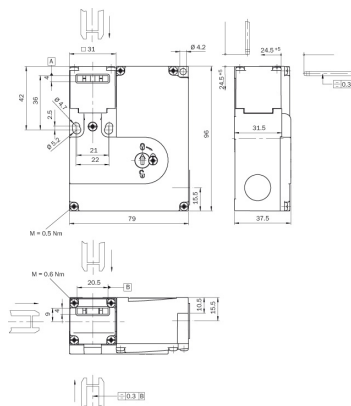
SM: Solenoid monitoring contacts
DM: Door monitoring contacts

DM: Door monitoring contacts

Switching element 12:
1 positive action N/C + 2 positive action N/C as door contacts

Switching element 13:
1 positive action N/C + 1 positive action N/C as door contact
+ 1 N/O as door contact

Dimensional drawing



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