



Electro-mechanical safety switches Safety locking devices, i10 Lock

i10-E0453 Lock



Model Name > [i10-E0453 Lock](#)
Part No. > [6020598](#)

At a glance

- Narrow plastic housing
- Rigid or mobile actuators
- 3 M20 x 1.5 cable entry glands
- Locked by spring force and magnetic force
- Lock and door monitoring
- IP 67 enclosure rating

Your benefits

- Small design simplifies installation and makes it easy to mount directly on the guard door frame
- Flexible electrical connectivity due to three cable entry glands
- Improved diagnostics due to additional signaling contacts
- Practical, simple adjustment due to various actuators that are suitable for any door
- Different switching elements offer the appropriate solution for electrical installation

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



actuator not supplied
with delivery

Technical data

Housing material:	Plastic
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature from ... to:	-20 °C ... 55 °C
B10d parameter:	3*1E 06 switching cycles, with small load
Locking type:	Electrical
Maximum locking force:	1,300 N
Number of actuation directions:	5
Approach speed:	20 m/min
Actuation force:	10 N
Switching principle:	Slow action switching element
Number of positive action N/C solenoid monitoring contacts:	2
Number of N/O solenoid monitoring contacts:	0

2

0

0

1* 1E 06 switching cycles

AC-15/DC-13 (IEC 60947-5-1)

4 A (230 V AC)

4 A (24 V DC)

24 V DC

Cable gland

0.46 kg

Dimensional drawing

Switching element 23:
2 positive action N/C contacts + 1 N/O contact +
1 N/C as door contact

Switching element 25:
2 positive action N/C contacts + 1 N/O contact as
door contact + 1 N/C as door contact

Switching element 31:
2 positive action N/C contacts + 1 N/O contact as
door contact + 1 positive action N/C as door contact

Switching element 45:
2 positive action N/C contacts +
2 positive action N/C as door contacts



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