



## Electro-mechanical safety switches Safety locking devices, i14 Lock

i14-M0213 Lock



**Model Name** > [i14-M0213 Lock](#)  
**Part No.** > [6025060](#)



**At a glance**

- Compact plastic housing
- 3 M20 x 1.5 cable entry glands
- Locked with spring force
- Lock monitoring
- LED locking indicator
- Mechanical unlocking mechanism on three sides

**Your benefits**

- Cost-effective solution for all standard safety applications
- LED status indicator offers improved diagnostics
- Flexible electrical connectivity due to three cable entry glands
- Easy access to wiring for installation and maintenance due to a hinged cover - access to the unlocking mechanism from three sides
- Small housing saves space and can be mounted in tight areas



**Technical data**

Housing material:	Plastic
Enclosure rating:	IP 65
Ambient operating temperature from ... to:	-20 °C ... 60 °C
B10d parameter:	2* 1E 06 switching cycles, with small load
Locking type:	Mechanical
Maximum locking force:	1,200 N
Number of actuation directions:	3
Approach speed:	10 m/min
Actuation force:	12 N
Switching principle:	Slow action switching element
Number of positive action N/C solenoid monitoring contacts:	2
Number of N/O solenoid monitoring contacts:	1
Number of positive action N/C door monitoring contacts:	0
Number of N/O door monitoring contacts:	0
Number of N/C door monitoring contacts:	0
Mechanical life:	1* 1E 06 switching cycles
Usage category in compliance with IEC/EN 60947-5-1:	AC-15/DC-13

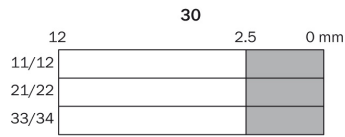
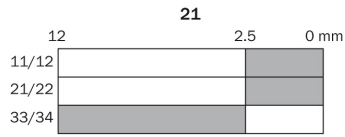
Rated operating current (voltage): 3 A (240 V AC)  
 2 A (24 V DC)

Solenoid operating voltage: 24 V DC

Connection type: Cable gland

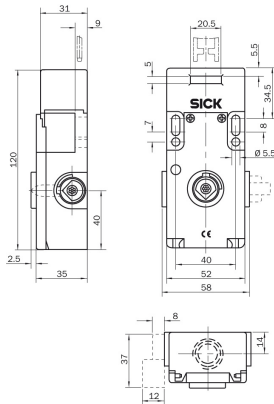
Weight: 0.37 kg

### Actuator travel diagram



□ Contacts open  
 ■ Contacts closed

### Dimensional drawing



### Switching elements

	Actuator inserted		Actuator removed
	locked	unlocked	
Switching element 21			
	□ 11 ↔ 12 □ 21 ↔ 22 □ 33 ↔ 34	□ 11 ↔ 12 □ 21 ↔ 22 □ 33 ↔ 34	□ 11 ↔ 12 □ 21 ↔ 22 □ 33 ↔ 34
Switching element 30	□ 11 ↔ 12 □ 21 ↔ 22 □ 31 ↔ 32	□ 11 ↔ 12 □ 21 ↔ 22 □ 31 ↔ 32	□ 11 ↔ 12 □ 21 ↔ 22 □ 31 ↔ 32

**Switching element 21:**  
 2 positive action N/C contacts + 1 N/O contact

**Switching element 30:**  
 3 positive action N/C contacts

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