



## Electro-mechanical safety switches Safety switches with separate actuator, i12S

i12-SA113



**Model Name** > [i12-SA113](#)  
**Part No.** > [6025057](#)

**At a glance**

- Narrow plastic housing
- Rigid and mobile actuators
- Available with M16 X 1.5 cable entry gland or Flexi Loop-compatible M12 plug connector (depending on variant)
- Slow-action switching element with up to three contacts
- IP 67 enclosure rating

**Your benefits**

- Cost-effective solution for all standard safety applications
- Small design simplifies installation and makes it easy to mount directly on the guard door frame
- High reliability and safety due to the cone shaped metal alignment aid
- Flexi Loop now enables a safe series connection with enhanced diagnostics capabilities and minimal wiring effort.



*actuator not supplied with delivery*

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



**Technical data**

Design:	Small
Housing material:	Glass-fiber reinforced thermoplastic
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature:	-20 °C ... +80 °C
B10d parameter:	2* 1E 06 switching cycles, with small load
Locking force:	6 N
Actuating element type:	Separate actuator
Number of actuation directions:	5
Approach speed:	10 m/min
Switching principle:	Slow action switching element
Number of positive action N/C contacts:	1
Number of N/O contacts:	1
Mechanical life:	1* 1E 06 switching cycles
Usage category:	AC-15/DC-13 (IEC 60947-5-1)

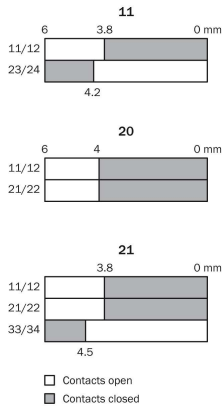
Rated operating current (voltage): 3 A (240 V AC)  
 2 A (24 V DC)

Electrical connection: Cable gland, 1 x M16

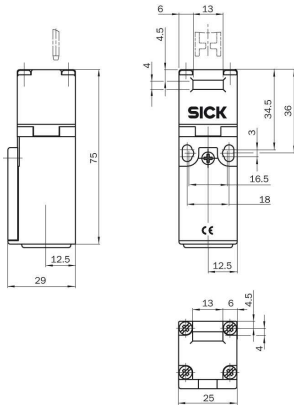
Flexi Loop-compatible plug connector: -

Weight: 0.08 kg

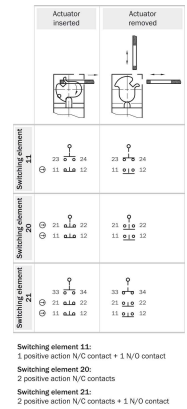
### Actuator travel diagram



### Dimensional drawing



### Switching elements



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