



i17S

Compact electro-mechanical safety switch with retaining force for doors

SICK
Sensor Intelligence.



Technical data overview

Switch type	Safety switches with separate actuator
Number of positive action N/C contacts	2
Number of N/O contacts	1
Housing material	Plastic
Enclosure rating	IP67 (IEC 60529)
Switching principle	Slow action switching element
Connection type	Cable gland, 3 x M20
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Product description

Safety switches with a separate actuator are made up of two parts: a safety switch that is mounted on the fixed part and an actuator that is mounted on the mobile part of the guard. When the guard is closed, the actuator is moved into the safety switch. This achieves the safe status and the safety-relevant contacts are closed. These devices are ideal for protecting sliding and rotating doors, as well as removable protective covers. The i17S safety switch with a separate actuator offers a large terminal compartment with 3 contacts.

At a glance

- Compact plastic housing
- Rigid or mobile actuators
- 3 M20 x 1.5 cable entry glands
- Slow-action switching elements with three contacts
- IP 67 enclosure rating

Your benefits

- High availability and safety due to the cone shaped alignment aid
- Improved diagnostics due to additional signaling contacts
- Flexible electrical connectivity due to three cable entry glands
- Simple electrical connection due to large terminal compartment

Fields of application

- Safe monitoring of rotatable guards, such as swivel doors and gates
- Safe monitoring of laterally sliding guards, such as sliding doors and fences
- Safe monitoring of removable guards

Ordering information

Other models and accessories → www.sick.com/i17S

- **System part:** sensor
- **Number of positive action N/C contacts:** 2
- **Number of N/O contacts:** 1

Housing material	Connection type Detail	Safe series connection	Retaining force	Type	Part no.
Plastic	Cable gland, 3 x M20	None, only individual wiring (with diagnostics)	≤ 12 N	i17-SA213	6025067

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com