



SICK Sensor Intelligence.

ELECTRO-MECHANICAL SAFETY SWITCHES

i11-S213 | i11S ELECTRO-MECHANICAL SAFETY SWITCHES



Ordering information

Туре	Part no.
i11-S213	6022583

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

Other models and accessories → www.sick.com/i11S

actuator not supplied with delivery



Detailed technical data

Features

i catules		
Number of positive action N/C contacts	2	
Number of N/O contacts	1	
Retaining force	≤ 10 N	
Actuation frequency	≤ 7,000 /h	
Actuation directions	5	
Approach speed	≤ 20 m/min	
Safety-related parameters		
B _{10d} parameter	4×10^{6} switching cycles (with small load)	
Туре	Type 2 (EN ISO 14119)	
Actuator coding level	Low coding level (EN ISO 14119)	
Safe state in the event of a fault	The switch has no internal fault detection and is unable to assume a safe state in the event of a fault. Fault detection is performed by the connected safety-related logic unit.	
Functions		
Safe series connection	None, only individual wiring (with diagnostics)	
Interfaces		
Connection type	Cable gland, 3 x M16	
Conductor cross-section	≤ 1.5 mm²	
Electrical data		
Switching principle	Slow action switching element	
Usage category	AC-15/DC-13	
Rated operating current (voltage)	4 A (230 V AC) 4 A (24 V DC)	
Rated insulation voltage U _i	250 V	
Rated impulse withstand voltage $\mathbf{U}_{\mathrm{imp}}$	2,500 V	
Short-circuit protection	4 A gG	

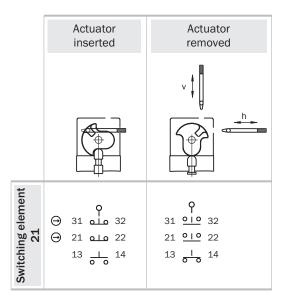
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Dimensional drawing (Dimensions in mm (inch))

Switching elements



Switching element 21:

2 positive action N/C contacts + 1 N/O contact

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



Online data sheet

