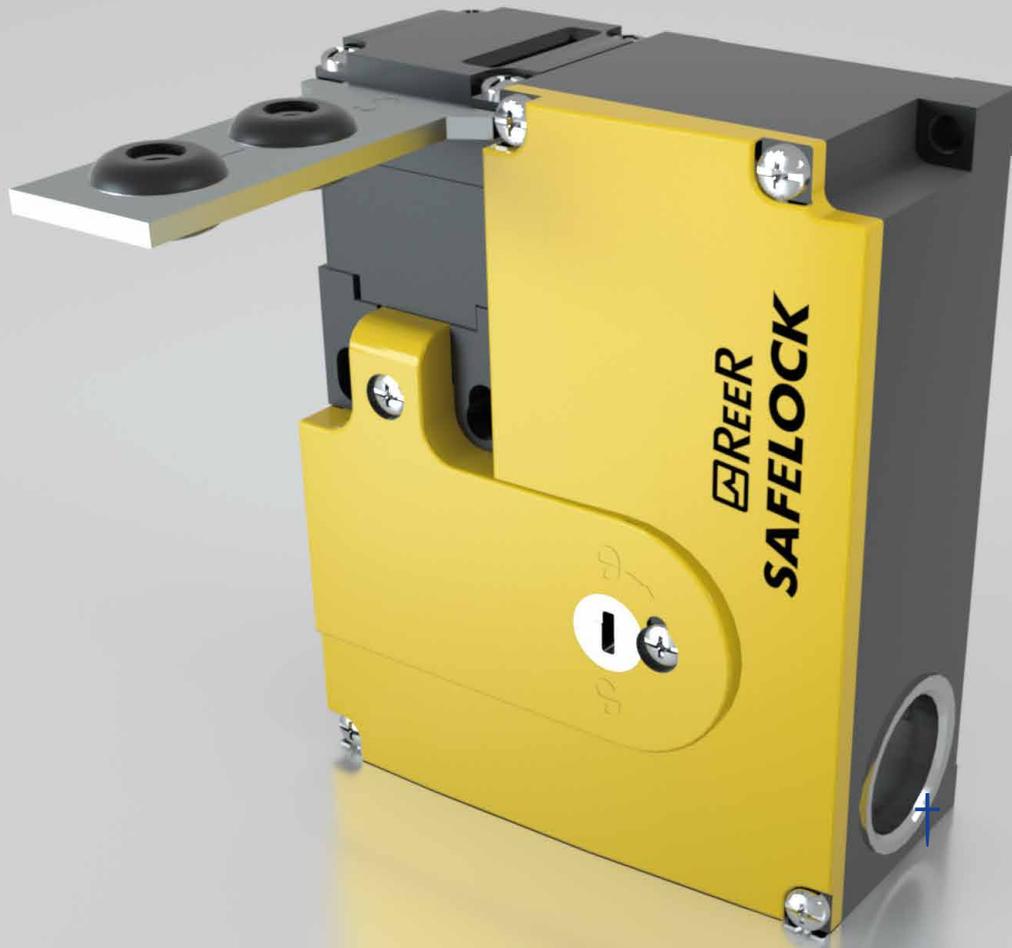


 **REER**

*Your future's safe!*



**SAFELOCK**

safety switch with guard locking

Short form

# Safety switch with guard locking

## Safety and reliability in door-opening control

Safelock is a safety switch utilised in the protection of personnel when opening doors leading to dangerous areas. It acts by monitoring and interrupting the safety circuit during dangerous scenarios.

The solenoid locks and unlocks access to the dangerous area, guaranteeing safety until the danger has stopped.

### Available models

#### SLK-M

Retention mechanism actuated by a spring and unlocked by ON current.

Guard locking by spring force, release by applying voltage to the guard locking solenoid.

#### SLK-E

Retention mechanism actuated by ON current and unlocked by spring.

Guard locking by applying voltage to the guard locking solenoid, release by spring force.



### Approvals

Directives  
Machine Directive 2006/42/CE

Standards  
EN 60947-5-1:2004 + Cor.:2005 + A1:2009  
EN 1088:1995 + A2:2008  
EN 14119:2013

## Characteristics

■ <b>Housing</b>	Reinforced thermoplastic	■ <b>Solenoid operating voltage</b>	24 V AC/DC -15% ... +10%
■ <b>Actuating head material</b>	Plastic or metal	■ <b>Short circuit protection</b>	4 A
■ <b>Contact material</b>	Silver alloy, gold flashed	■ <b>Switching voltage</b>	12 V Min a 10 mA
■ <b>Number of guided contacts (door position)</b>	2	■ <b>Switching current</b>	1 mA Min a 24 V
■ <b>Number of guided contacts (block monitoring)</b>	1	■ <b>Power consumption</b>	6 W
■ <b>Approach speed</b>	Max. 20 m/min	■ <b>Protection grade</b>	IP67
		■ <b>Actuation frequency</b>	1200 1/h

## Forces

Locking force (Fmax):                      Retention force: 20 N  
≥1 kN (plastic), ≥2 kN (metal)

Locking force (FZh): 1,5 kN                      Extraction force: 30 N  
0,7 kN (plastic), 1,5 kN (metal)

Actuating force: 35 N

# Models

## SLK-M-P-2NC-24

Safelock with mechanical block and plastic actuating head.  
Contacts: 2 NC, feedback 1 NC

## SLK-M-M-2NC-24

Safelock with mechanical block and metal actuating head.  
Contacts: 2 NC, feedback 1 NC\*

## SLK-E-P-2NC-24

Safelock with electrical block and plastic actuating head.  
Contacts: 2 NC, feedback 1 NC

## SLK-E-M-2NC-24

Safelock with electrical block and metal actuating head.  
Contacts: 2 NC, feedback 1 NC\*

\* Contact ReeR to check availability

# Actuators

ACT-S-S-RB



Straight actuator.  
With rubber bush, overtravel 5 mm (incl. 2 safety screws M4 x 14)

Part Number: 1290302

ACT-S-A-RB



Angled actuator.  
With rubber bush, overtravel 5 mm (incl. 2 safety screws M4 x 14)

Part Number: 1290303

ACT-S-H-TB



Hinged actuator.  
For top and bottom hinged doors, overtravel 5 mm (incl. 2 safety screws M5 x 25)

Part Number: 1290304

ACT-S-H-LR



Hinged actuator.  
For left and right hinged doors, overtravel 5 mm (incl. 2 safety screws M5 x 10)

Part Number: 1290305



*Your future's safe!*

### More than 60 years of quality and innovation

Founded in Turin, Italy in 1959, ReeR distinguished itself for its strong commitment to innovation and technology.

A steady growth throughout the years allowed ReeR to become a point of reference in the safety automation industry at a worldwide level.

The Safety Division is in fact today a world leader in the development and manufacturing of safety optoelectronic sensors and controllers.

ReeR is ISO 9001, ISO 14001 and ISO 45001 certified.



### ReeR SpA

Via Carcano, 32  
10153 Torino, Italy

T +39 011 248 2215

F +39 011 859 867

[reersafety.com](http://reersafety.com) | [info@reer.it](mailto:info@reer.it)



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