

## Overview

**Safety switches for hinges** are devices used to guarantee operator safety, applied to machines fitted with protection barriers.

**Metal pin** switches are available with **5 different pin lengths**, and are ideal for the control of doors and gates, with application directly to the hinge.

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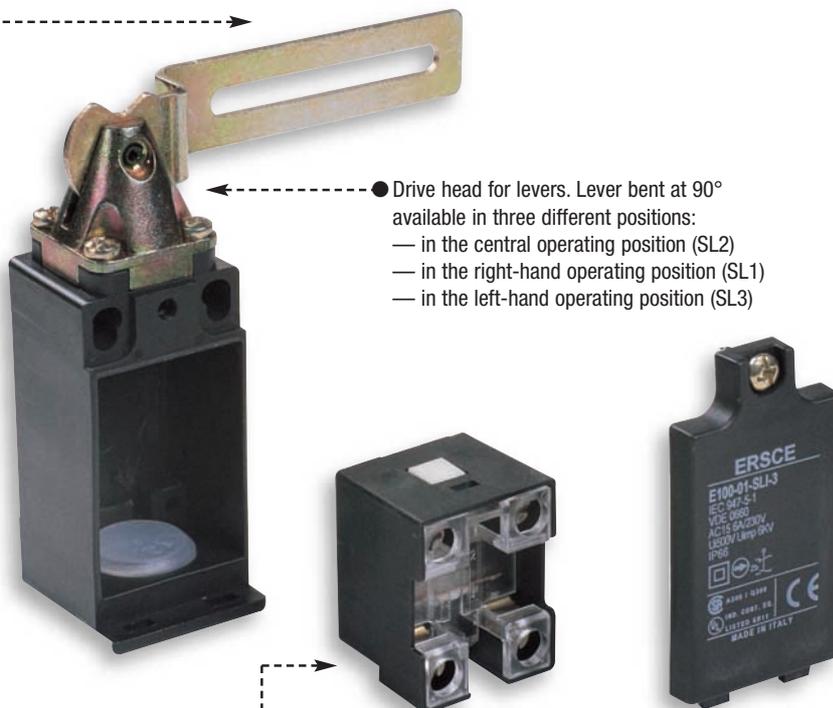
- Drive heads with metal pin, available in 5 lengths:
  - 24.5 mm (diameter 12 mm) female, fitted with small pins to be threaded (SC)
  - 0 mm (diameter 10 mm) male (SC 10/50)
  - 150 mm (diameter 10 mm) male (SC10/150)
  - 115 mm (diameter 8 mm) male (SC 8/114)
  - 63.5 mm (diameter 8-6.9 mm) male (SC 8/63)
 The last 4 types of pin are inserted directly in the hinge.
- Cap with 2 connector tabs. Can be opened by undoing the screw in the casing for ease of maintenance.
- PA6 dual insulation thermoplastic casing and cover reinforced with glass fibre. One cable inlet with 1/2" NPT
- To speed up the installation, the pin switches are supplied with one M4 screw and a plug for the connection of the pin to the outgoing shaft of the hinge.
- Slow action 1NO + 1NC (01) or 2NC (04) contact elements available.

## Overview

**Lever safety switches** designed for small industrial machines with mobile rotary protection systems guarantee operator protection by immediately stopping dangerous movement when **the lever reaches an angle of 4° 30'**. The fitting of a lever safety switch increases operator safety to the extent that it reduces the opening distance of the protection system, with consequent reduction of the risk of reaching the dangerous zone.

● Lever with slot to select the precise fixing point.

● The head can be rotated through 90°.



● Drive head for levers. Lever bent at 90° available in three different positions:  
 — in the central operating position (SL2)  
 — in the right-hand operating position (SL1)  
 — in the left-hand operating position (SL3)

● Slow action 1NO + 1NC (01) or 2NC (04) contact elements.

● Connector tabs to be inserted in the holes of the protruding base of the casing.

● Used for the control of reduced radius **sliding protection** systems fitted to machines without inertia



## Dual insulation plastic

### Metal pin



Code	Model	Description	Type	Travel diagram	Weight
EN820010	<b>E102 01 SCI</b>	1NO+1NC Slow action	01		0,125



Code	Model	Description	Type	Travel diagram	Weight
EN820030	<b>E102 01 SCI 8/63</b>	1NO+1NC Slow action	01		0,135

### Straight lever, right-hand operating position



Code	Model	Description	Type	Travel diagram	Weight
EN825040	<b>E102 01 SLI 1</b>	1NO+1NC Slow action	01		0,130

### Straight lever, central operating position



Code	Model	Description	Type	Travel diagram	Weight
EN825050	<b>E102 01 SLI 2</b>	1NO+1NC Slow action	01		0,130

### Straight lever, left-hand operating position



Code	Model	Description	Type	Travel diagram	Weight
EN825060	<b>E102 01 SLI 3</b>	1NO+1NC Slow action	01		0,130

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