

# Safety Limit Switches

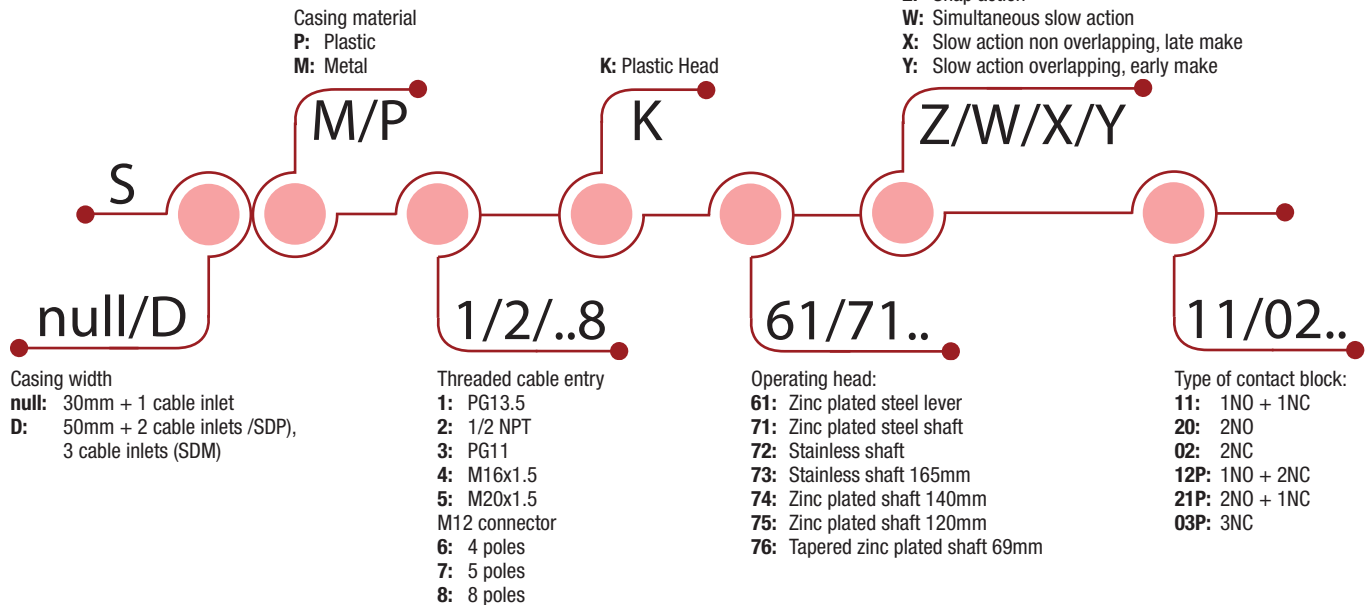
## Hinge mount Safety Limit Switches

**APPROVALS:** UL 508 / CSA C22-2 N. 14



Microswitch types

**Z:** Snap action  
**W:** Simultaneous slow action  
**X:** Slow action non overlapping, late make  
**Y:** Slow action overlapping, early make



## HOW IS IT MADE?

### 01 A variety of operating inox keys

- Zinc plated steel shaft
- Stainless steel shaft
- Zinc plated steel lever

### 02 Cover

- 1 or 3 screws for 30 mm. casing
- 1 or 4 screws for 50 mm. casing

### 03 Electrical connection

- 1 x cable gland for SP and SM series
- 2 x cable gland for SDP series
- 3 x cable gland for SDM series

### 04 Casing

- 30 mm. width with standardized dimensions acc. to EN 50047
- 50 mm. width with standardized dimensions

### 05 Mounting screws

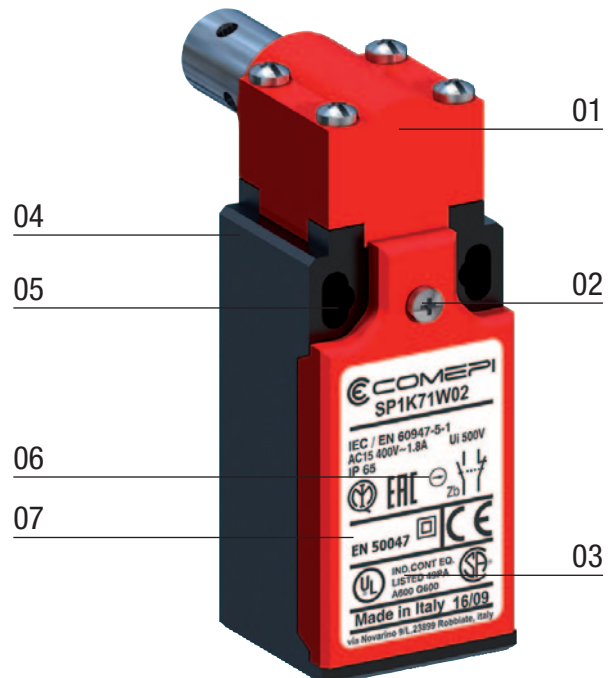
- 2 x M4 screws on top part for 30 mm. width
- 2 or 4 x M4 screws on top part for 50 mm. width

### 06 Contact Block

- Positive opening operation
- Snap action or slow action
- Contacts are electrically separated

### 07 Connecting terminals

- Block of 2 contacts: M3.5 (+, -) pozidriv 2 screws
- Block of 3 contacts: M3 (+, -) screw
- Screw head with captive cable clamp
- Markings conform with IEC 60947-1, IEC 60947-5-1 standard



# Safety Limit Switches

## Hinge mount Safety Limit Switches - Description

### APPLICATIONS

Easy to use, the limit switches with rotative axis or lever offer specific qualities:

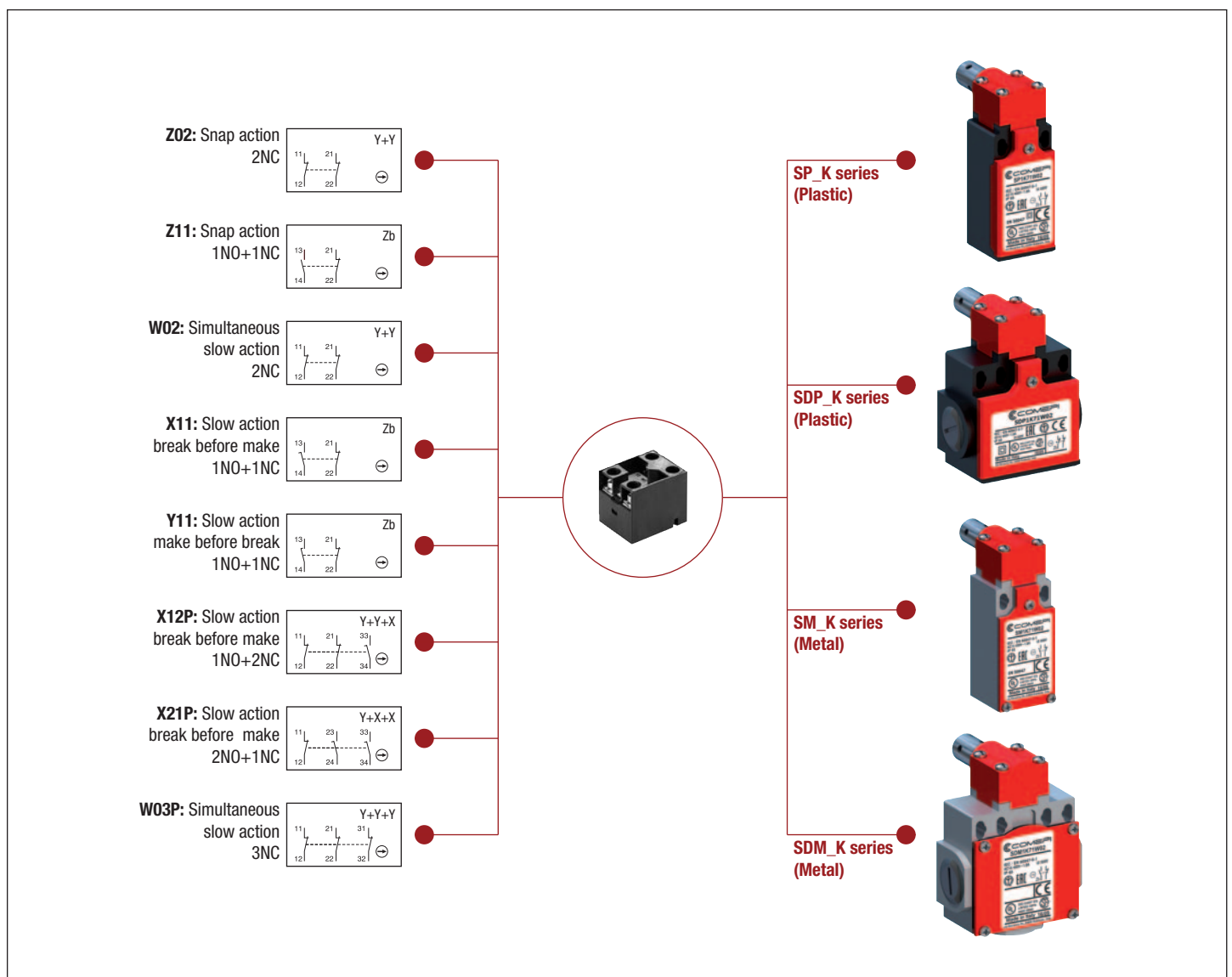
- Capability for strong current switching (conventional thermal current 10 A).
- Opening of the "N.C." contact(s) for a very small rotation angle: 12°.
- Contact blocks with dependent action and positive opening operation of the "N.C." normally closed contact(s) (symbol  $\ominus$ ).
- Electrically separated contacts.
- Precision on operating positions (consistency).
- Immunity to electromagnetic disturbances.

These specific features make the limit switches ideal for monitoring and protection of light industrial machines without inertia equipped with angular movement protectors (doors, hinged grids, rotative covers or cases, etc.). Detection by the rotative axis or by means of a lever.

- Opening of the mobile protector guarantees operator protection by immediately stopping the machine drive.
- These switches are suitable for conformity of the existing installed machine base, as they can be mounted on protection devices already installed.
- They comply with the requirements of European Directives (Low Voltage and Machines Directive) and are conform to European and international standards.

### DESCRIPTION

Safety limit switches of SP/SDP series are made of fibre-glass reinforced UL-V0 thermoplastic material, and offer double insulation  $\square$  and a degree of protection IP65. Safety limit switches of SM/SDM series are made of zinc alloy (zamack) and have a degree of protection IP66. They are equipped with 1NO+1NC, 2NC, 1NO+2NC, 2NO+1NC or 3NC contact blocks with positive opening operation of the "N.C." contact(s).



# Safety Limit Switches

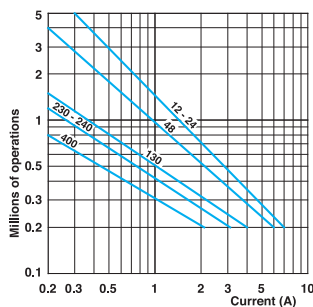
## Hinge mount Safety Limit Switches - Technical Data

	SP / SDP Series	SM / SDM Series
<b>Standards</b>	IEC 60947-5-1, EN 60947-5-1 UNI EN ISO 14119	
<b>Certifications - Approvals</b>	UL - CSA - IMQ - EAC - CCC	
<b>Air temperature</b> near the device		
– during operation	°C	– 25 ... + 70
– for storage	°C	– 30 ... + 80
<b>Mounting positions</b>	All positions are authorized	
<b>Protection against electrical shocks</b> (acc. to IEC 61140)	Class II	Class I
<b>Degree of protection</b> (according to IEC 60529 and EN 60529)	IP 65	IP 66

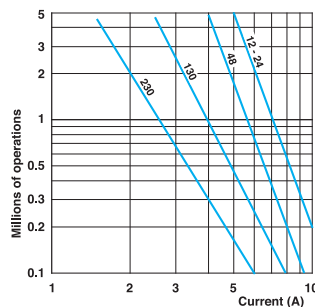
### Electrical Data

<b>Rated insulation voltage <math>U_i</math></b> - according to IEC 60947-1 and EN 60947-1 - according to UL 508 and CSA C22-2 n° 14	500 V (degree of pollution 3) (400 V for contacts type Z02, X12P, X21P, W03P) A 600, Q 600 (A 300, Q 300 for SM/SDM series and contacts type X12P, X21P, W03P)	
<b>Rated impulse withstand voltage <math>U_{imp}</math></b> (according to IEC 60947-1 and EN 60947-1)	kV	6
<b>Conventional free air thermal current <math>I_{th}</math></b> (according to IEC 60947-5-1) $\theta < 40\text{ °C}$	A	10
<b>Short-circuit protection</b> $U_e < 500\text{ V a.c.}$ - gG (gl) type fuses	A	10
<b>Rated operational current</b> $I_e$ / AC-15 (according to IEC 60947-5-1)	24 V - 50/60 Hz A 120 V - 50/60 Hz A 400 V - 50/60 Hz A	10 6 4
$I_e$ / DC-13 (according to IEC 60947-5-1)	24 V - d.c. A 125 V - d.c. A 250 V - d.c. A	6 0.55 0.4
<b>Switching frequency</b>	Cycles/h	3600
<b>Load factor</b>		0.5
<b>Resistance between contacts</b>	m $\Omega$	25
<b>Connecting terminals</b>	M3.5 (+, -) pozidriv 2 screw with cable clamp (M3 for 3 poles contacts type)	
<b>Terminal for protective conductor</b>	–	M3.5 (+, -) pozidriv 2 screw with cable clamp
<b>Recommended tightening torque</b>	<b>Plastic</b>	<b>Metal</b>
Cover	0,5Nm, max 0,8	0,8Nm, max 0,9
Head	0,5Nm, max 0,8	0,8Nm, max 0,9
Microswitch	0,8Nm, max 0,9	0,8Nm, max 0,9
<b>Connecting capacity</b>	1 or 2 x mm <sup>2</sup>	0.34 ... 2.5 (0.34... 1.5 for 3 poles contacts type)
<b>Terminal marking</b>	According to IEC 60947-5-1	
<b>Mechanical durability</b>	1 million of operations	
<b>Electrical durability</b> (according to IEC 60947-5-1)	Utilization categories AC-15 and DC-13 (Load factor of 0.5 according to curves below)	
<b>B10d</b>	2 millions of operations	

AC-15 - Snap action



AC-15 - Slow action



DC-13	Snap action	Slow action
	Power breaking for a durability of 5 million operating cycles	
Voltage	24 V	12 W
Voltage	48 V	9 W
Voltage	110 V	6 W

• Ordering details .....	page 18-22
• Additional Technical Data .....	page 96

# Safety Limit Switches

## Hinge mount Safety Limit Switches - Technical Data

### Technical data approved by IMQ

<b>Standards</b>	Devices conform with international IEC 60947-5-1 and European EN 60947-5-1 standards	
<b>Degree of protection</b>	IP 65 (SP/SDP series) , IP 66 (SM/SDM series)	
<b>Rated insulation voltage <math>U_i</math></b>	500 V (degree of pollution 3) (400V for type Z02, X12P, X21P, W03P)	
<b>Rated impulse withstand voltage <math>U_{imp}</math></b>	6 kV	
<b>Conventional free air thermal current <math>I_{th}</math></b>	10 A	
<b>Short-circuit protection - gG (gl) type fuses</b>	10 A	
<b>Rated operational current</b>		
$I_e$ / AC-15	24 V - 50/60 Hz	10 A
	400 V - 50/60 Hz	4 A
$I_e$ / DC-13	24 V - d.c.	6 A
	125 V - d.c.	0.55 A
	250 V - d.c.	0.4 A

### Technical data approved by UL

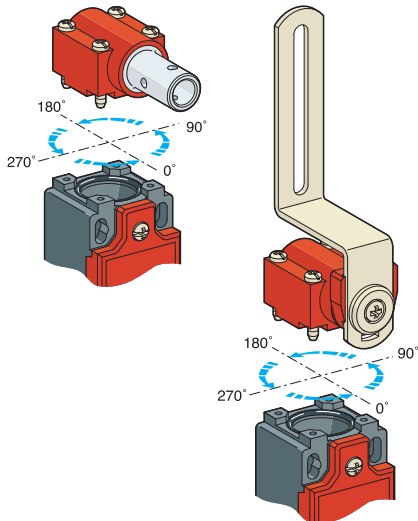
<b>Standards</b>	Devices conform with UL 508
<b>Contact blocks type Z11, X11, Y11, W02 and Z02</b>	A600, Q600
<b>Utilization categories</b>	(A300, Q300 when installed in SM/SDM series)
<b>Contact blocks type X12P, X21P and W03P</b>	A300, Q300
<b>Utilization categories</b>	
Use 60/75°C copper (Cu) conductor only. Wire rages 14-18 AWG stranded or solid. The terminal tightening torque of 7 lbs-in / 0.78 Nm. Suitable for conduit connection only with use of adapter sleeve optionally provided or recommended by the manufacturer.	

For the complete list of approved products, contact our technical department

## IMPLEMENTATION

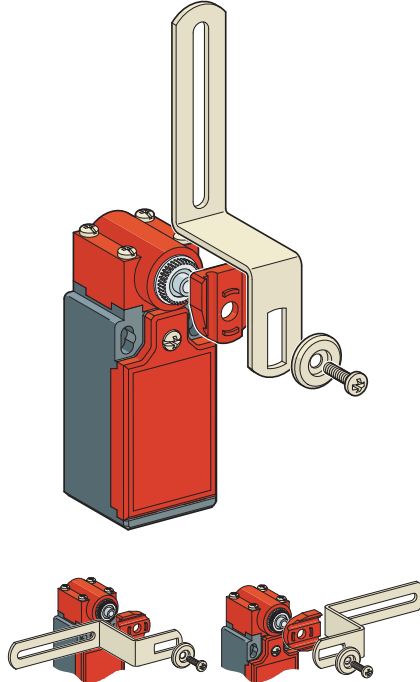
### Operating head orientation

The head can be rotated each 90°. Recommended tightening torque 0,5 Nm (max 0,8 Nm).



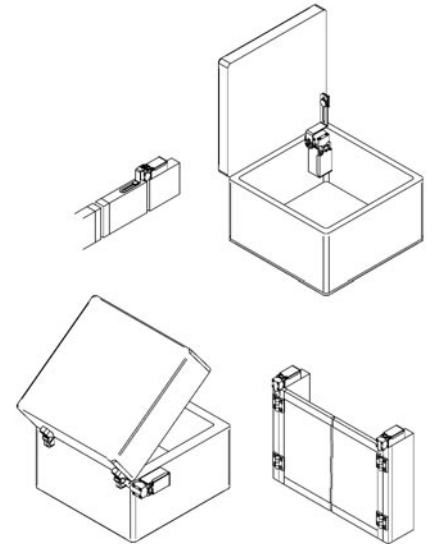
### Lever adjustment

The lever of the head model K61 can be adjusted every 10° in order to obtain the maximum flexibility on the working plan. Recommended tightening torque 0,5 Nm (max 0,8 Nm).



### Application

Monitoring of safety gates in machinery without inertia.



### Download

Instruction sheet – Hinge mounting safety limit switches  
CE declaration

# Safety Limit Switches SP\_K

Polymeric casing - IP65 □

## Electrical connection:

Replace the symbol “•” with the number of the thread desired

1: Cable gland PG 13.5

2: Cable gland 1/2” NPT (with adapter)

3: Cable gland PG 11

4: Cable gland M16 x 1,5

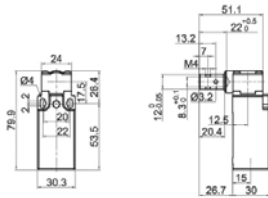
5: Cable gland M20 x 1,5

6: M12 4 poles connector

7: M12 5 poles connector

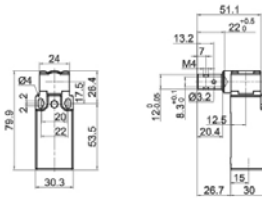
8: M12 8 poles connector

### K71 Zinc plated steel shaft



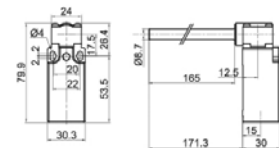
Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 90 g  
Operating diagram Page 96

### K72 Stainless steel shaft



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 90 g  
Operating diagram Page 96

### K73 Stainless shaft 165mm



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 110 g  
Operating diagram Page 96

## Contact Blocks

Z11 (1NO+1NC)	SP•K71Z11	SP•K72Z11	SP•K73Z11
X11 (1NO+1NC)	SP•K71X11	SP•K72X11	SP•K73X11
Y11 (1NO+1NC)	SP•K71Y11	SP•K72Y11	SP•K73Y11
W02 (2NC)	SP•K71W02	SP•K72W02	SP•K73W02
Z02 (2NC)	SP•K71Z02	SP•K72Z02	SP•K73Z02
X12P (1NO+2NC)	SP•K71X12P	SP•K72X12P	SP•K73X12P
X21P (2NO+1NC)	SP•K71X21P	SP•K72X21P	SP•K73X21P
W03P (3NC)	SP•K71W03P	SP•K72W03P	SP•K73W03P

## Electrical connection:

Replace the symbol “•” with the number of the thread desired

1: Cable gland PG 13.5

2: Cable gland 1/2” NPT (with adapter)

3: Cable gland PG 11

4: Cable gland M16 x 1,5

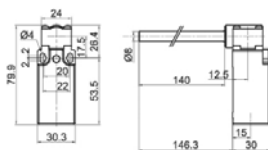
5: Cable gland M20 x 1,5

6: M12 4 poles connector

7: M12 5 poles connector

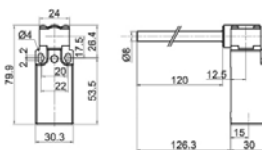
8: M12 8 poles connector

### K74 Zinc plated shaft 140mm



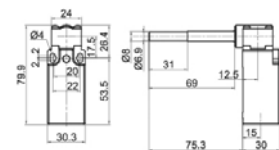
Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 110 g  
Operating diagram Page 96

### K75 Zinc plated shaft 120mm



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 110 g  
Operating diagram Page 96

### K76 Tapered zinc plated shaft 69mm



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 110 g  
Operating diagram Page 96

## Contact Blocks

Z11 (1NO+1NC)	SP•K74Z11	SP•K75Z11	SP•K76Z11
X11 (1NO+1NC)	SP•K74X11	SP•K75X11	SP•K76X11
Y11 (1NO+1NC)	SP•K74Y11	SP•K75Y11	SP•K76Y11
W02 (2NC)	SP•K74W02	SP•K75W02	SP•K76W02
Z02 (2NC)	SP•K74Z02	SP•K75Z02	SP•K76Z02
X12P (1NO+2NC)	SP•K74X12P	SP•K75X12P	SP•K76X12P
X21P (2NO+1NC)	SP•K74X21P	SP•K75X21P	SP•K76X21P
W03P (3NC)	SP•K74W03P	SP•K75W03P	SP•K76W03P

# Safety Limit Switches **SM\_K**

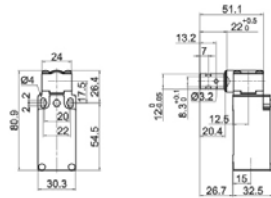
## Metal casing - IP66

### Electrical connection:

Replace the symbol “•” with the number of the thread desired

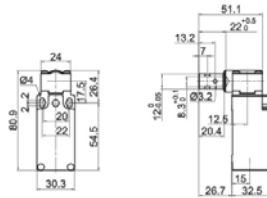
- 1: Cable gland PG 13.5
- 2: Cable gland 1/2" NPT (with adapter)
- 3: Cable gland PG 11
- 4: Cable gland M16 x 1,5
- 5: Cable gland M20 x 1,5
- 7: M12 5 poles connector
- 8: M12 8 poles connector

### K71 Zinc plated steel shaft



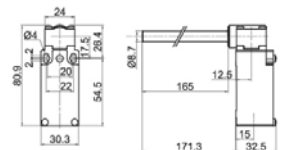
Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **185 g**  
 Operating diagram **Page 96**

### K72 Stainless steel shaft



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **185 g**  
 Operating diagram **Page 96**

### K73 Stainless shaft 165mm



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **205 g**  
 Operating diagram **Page 96**

### Contact Blocks

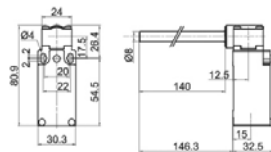
Z11 (1NO+1NC)	SM•K71Z11	SM•K72Z11	SM•K73Z11
X11 (1NO+1NC)	SM•K71X11	SM•K72X11	SM•K73X11
Y11 (1NO+1NC)	SM•K71Y11	SM•K72Y11	SM•K73Y11
W02 (2NC)	SM•K71W02	SM•K72W02	SM•K73W02
Z02 (2NC)	SM•K71Z02	SM•K72Z02	SM•K73Z02
X12P (1NO+2NC)	SM•K71X12P	SM•K72X12P	SM•K73X12P
X21P (2NO+1NC)	SM•K71X21P	SM•K72X21P	SM•K73X21P
W03P (3NC)	SM•K71W03P	SM•K72W03P	SM•K73W03P

### Electrical connection:

Replace the symbol “•” with the number of the thread desired

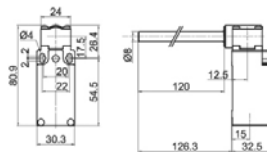
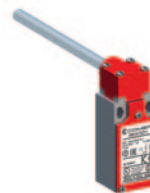
- 1: Cable gland PG 13.5
- 2: Cable gland 1/2" NPT (with adapter)
- 3: Cable gland PG 11
- 4: Cable gland M16 x 1,5
- 5: Cable gland M20 x 1,5
- 7: M12 5 poles connector
- 8: M12 8 poles connector

### K74 Zinc plated shaft 140mm



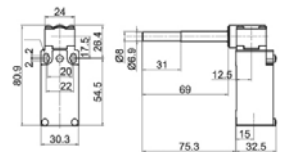
Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **205 g**  
 Operating diagram **Page 96**

### K75 Zinc plated shaft 120mm



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **205 g**  
 Operating diagram **Page 96**

### K76 Tapered zinc plated shaft 69mm



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **205 g**  
 Operating diagram **Page 96**

### Contact Blocks

Z11 (1NO+1NC)	SM•K74Z11	SM•K75Z11	SM•K76Z11
X11 (1NO+1NC)	SM•K74X11	SM•K75X11	SM•K76X11
Y11 (1NO+1NC)	SM•K74Y11	SM•K75Y11	SM•K76Y11
W02 (2NC)	SM•K74W02	SM•K75W02	SM•K76W02
Z02 (2NC)	SM•K74Z02	SM•K75Z02	SM•K76Z02
X12P (1NO+2NC)	SM•K74X12P	SM•K75X12P	SM•K76X12P
X21P (2NO+1NC)	SM•K74X21P	SM•K75X21P	SM•K76X21P
W03P (3NC)	SM•K74W03P	SM•K75W03P	SM•K76W03P

# Safety Limit Switches SDP\_K

Polymeric casing - IP65 ☐

## Electrical connection:

Replace the symbol “•” with the number of the thread desired

1: Cable gland PG 13.5

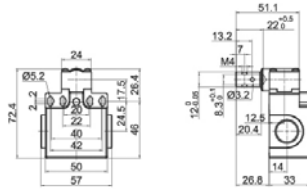
2: Cable gland 1/2” NPT (with adapter)

3: Cable gland PG 11

4: Cable gland M16 x 1,5

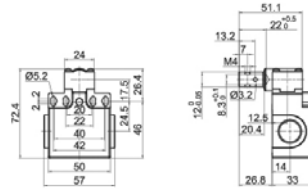
5: Cable gland M20 x 1,5

### K71 Zinc plated steel shaft



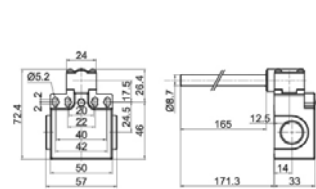
Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 120 g  
Operating diagram Page 96

### K72 Stainless steel shaft



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 120 g  
Operating diagram Page 96

### K73 Stainless shaft 165mm



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 140 g  
Operating diagram Page 96

## Contact Blocks

Z11 (1NO+1NC)	SDP•K71Z11	SDP•K72Z11	SDP•K73Z11
X11 (1NO+1NC)	SDP•K71X11	SDP•K72X11	SDP•K73X11
Y11 (1NO+1NC)	SDP•K71Y11	SDP•K72Y11	SDP•K73Y11
W02 (2NC)	SDP•K71W02	SDP•K72W02	SDP•K73W02
Z02 (2NC)	SDP•K71Z02	SDP•K72Z02	SDP•K73Z02
X12P (1NO+2NC)	SDP•K71X12P	SDP•K72X12P	SDP•K73X12P
X21P (2NO+1NC)	SDP•K71X21P	SDP•K72X21P	SDP•K73X21P
W03P (3NC)	SDP•K71W03P	SDP•K72W03P	SDP•K73W03P

## Electrical connection:

Replace the symbol “•” with the number of the thread desired

1: Cable gland PG 13.5

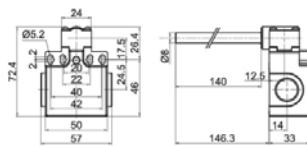
2: Cable gland 1/2” NPT (with adapter)

3: Cable gland PG 11

4: Cable gland M16 x 1,5

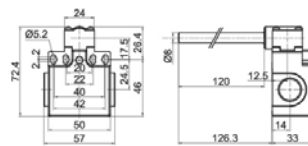
5: Cable gland M20 x 1,5

### K74 Zinc plated shaft 140mm



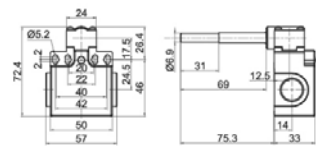
Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 140 g  
Operating diagram Page 96

### K75 Zinc plated shaft 120mm



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 140 g  
Operating diagram Page 96

### K76 Tapered zinc plated shaft 69mm



Min. actuating torque 0,12 Nm (0,60 Nm ⊖)  
Weight 140 g  
Operating diagram Page 96

## Contact Blocks

Z11 (1NO+1NC)	SDP•K74Z11	SDP•K75Z11	SDP•K76Z11
X11 (1NO+1NC)	SDP•K74X11	SDP•K75X11	SDP•K76X11
Y11 (1NO+1NC)	SDP•K74Y11	SDP•K75Y11	SDP•K76Y11
W02 (2NC)	SDP•K74W02	SDP•K75W02	SDP•K76W02
Z02 (2NC)	SDP•K74Z02	SDP•K75Z02	SDP•K76Z02
X12P (1NO+2NC)	SDP•K74X12P	SDP•K75X12P	SDP•K76X12P
X21P (2NO+1NC)	SDP•K74X21P	SDP•K75X21P	SDP•K76X21P
W03P (3NC)	SDP•K74W03P	SDP•K75W03P	SDP•K76W03P

# Safety Limit Switches **SDM\_K**

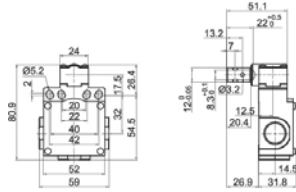
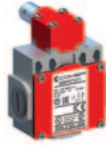
## Metal casing - IP66

### Electrical connection:

Replace the symbol “•” with the number of the thread desired

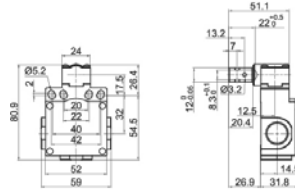
- 1: Cable gland PG 13.5
- 2: Cable gland 1/2" NPT (with adapter)
- 3: Cable gland PG 11
- 4: Cable gland M16 x 1,5
- 5: Cable gland M20 x 1,5

### K71 Zinc plated steel shaft



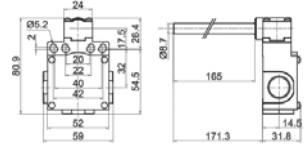
Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **245 g**  
 Operating diagram **Page 96**

### K72 Stainless steel shaft



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **245 g**  
 Operating diagram **Page 96**

### K73 Albero in inox 165mm



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **265 g**  
 Operating diagram **Page 96**

### Contact Blocks

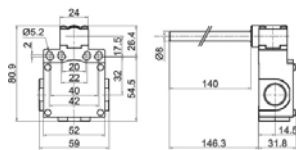
Z11 (1NO+1NC)	SDM•K71Z11	SDM•K72Z11	SDM•K73Z11
X11 (1NO+1NC)	SDM•K71X11	SDM•K72X11	SDM•K73X11
Y11 (1N+1NC)	SDM•K71Y11	SDM•K72Y11	SDM•K73Y11
W02 (2NC)	SDM•K71W02	SDM•K72W02	SDM•K73W02
Z02 (2NC)	SDM•K71Z02	SDM•K72Z02	SDM•K73Z02
X12P (1NO+2NC)	SDM•K71X12P	SDM•K72X12P	SDM•K73X12P
X21P (2NO+1NC)	SDM•K71X21P	SDM•K72X21P	SDM•K73X21P
W03P (3NC)	SDM•K71W03P	SDM•K72W03P	SDM•K73W03P

### Electrical connection:

Replace the symbol “•” with the number of the thread desired

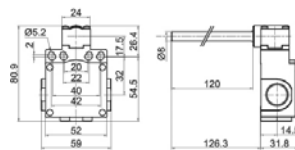
- 1: Cable gland PG 13.5
- 2: Cable gland 1/2" NPT (with adapter)
- 3: Cable gland PG 11
- 4: Cable gland M16 x 1,5
- 5: Cable gland M20 x 1,5

### K74 Zinc plated shaft 140mm



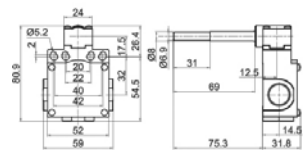
Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **265 g**  
 Operating diagram **Page 96**

### K75 Zinc plated shaft 120mm



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **265 g**  
 Operating diagram **Page 96**

### K76 Tapered zinc plated shaft 69mm



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **265 g**  
 Operating diagram **Page 96**

### Contact Blocks

Z11 (1NO+1NC)	SDM•K74Z11	SDM•K75Z11	SDM•K76Z11
X11 (1NO+1NC)	SDM•K74X11	SDM•K75X11	SDM•K76X11
Y11 (1NO+1NC)	SDM•K74Y11	SDM•K75Y11	SDM•K76Y11
W02 (2NC)	SDM•K74W02	SDM•K75W02	SDM•K76W02
Z02 (2NC)	SDM•K74Z02	SDM•K75Z02	SDM•K76Z02
X12P (1NO+2NC)	SDM•K74X12P	SDM•K75X12P	SDM•K76X12P
X21P (2NO+1NC)	SDM•K74X21P	SDM•K75X21P	SDM•K76X21P
W03P (3NC)	SDM•K74W03P	SDM•K75W03P	SDM•K76W03P



# Safety Limit Switches **SP/SM/SDP/SDM\_K**

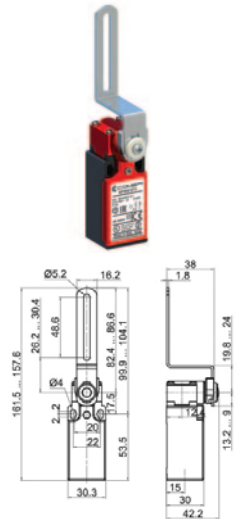
## Hinge Mount Safety Limit Switches

### Electrical connection:

Replace the symbol “•” with the number of the thread desired

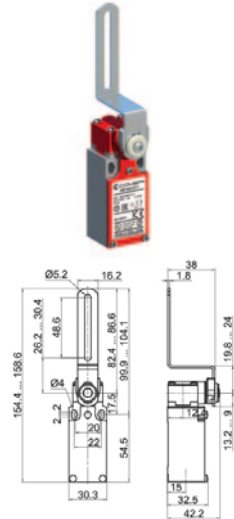
- 1: Cable gland PG 13.5
- 2: Cable gland 1/2" NPT (with adapter)
- 3: Cable gland PG 11
- 4: Cable gland M16 x 1,5
- 5: Cable gland M20 x 1,5
- 6: M12 4 poles connector (only for SP models)
- 7: M12 5 poles connector
- 8: M12 8 poles connector

### K61 Zinc plated steel lever



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **110 g**  
 Operating diagram **Page 96**

### K61 Zinc plated steel lever



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **205 g**  
 Operating diagram **Page 96**

### Contact Blocks

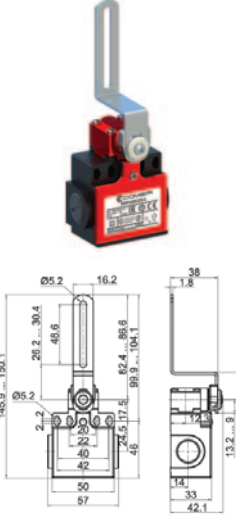
Z11 (1NO+1NC)	SP•K61Z11	SM•K61Z11
X11 (1NO+1NC)	SP•K61X11	SM•K61X11
Y11 (1NO+1NC)	SP•K61Y11	SM•K61Y11
W02 (2NC)	SP•K61W02	SM•K61W02
Z02 (2NC)	SP•K61Z02	SM•K61Z02
X12P (1NO+2NC)	SP•K61X12P	SM•K61X12P
X21P (2NO+1NC)	SP•K61X21P	SM•K61X21P
W03P (3NC)	SP•K61W03P	SM•K61W03P

### Electrical connection:

Replace the symbol “•” with the number of the thread desired

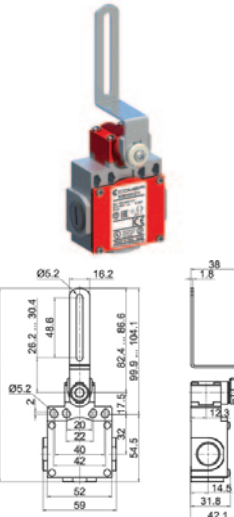
- 1: Cable gland PG 13.5
- 2: Cable gland 1/2" NPT (with adapter)
- 3: Cable gland PG 11
- 4: Cable gland M16 x 1,5
- 5: Cable gland M20 x 1,5

### K61 Zinc plated steel lever



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **140 g**  
 Operating diagram **Page 96**

### K61 Zinc plated steel lever



Min. actuating torque **0,12 Nm (0,60 Nm ⊖)**  
 Weight **265 g**  
 Operating diagram **Page 96**

### Contact Blocks

Z11 (1NO+1NC)	SDP•K61Z11	SDM•K61Z11
X11 (1NO+1NC)	SDP•K61X11	SDM•K61X11
Y11 (1NO+1NC)	SDP•K61Y11	SDM•K61Y11
W02 (2NC)	SDP•K61W02	SDM•K61W02
Z02 (2NC)	SDP•K61Z02	SDM•K61Z02
X12P (1NO+2NC)	SDP•K61X12P	SDM•K61X12P
X21P (2NO+1NC)	SDP•K61X21P	SDM•K61X21P
W03P (3NC)	SDP•K61W03P	SDM•K61W03P