SP□ K10 □□□

- Plastic casing
- 30mm width
- IP65

Electrical connections
1 cable inlet

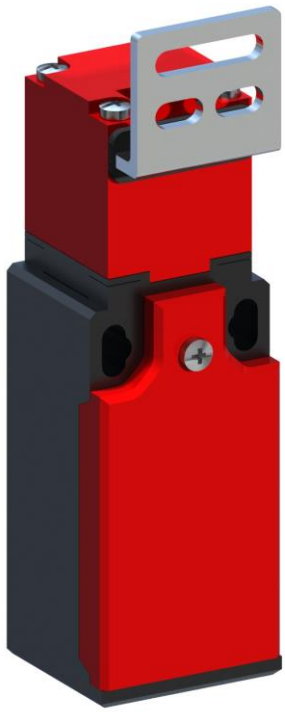
1 = PG13,5
2 = ½"NPT
3 = PG11
4 = M16x1,5
5 = M20x1,5

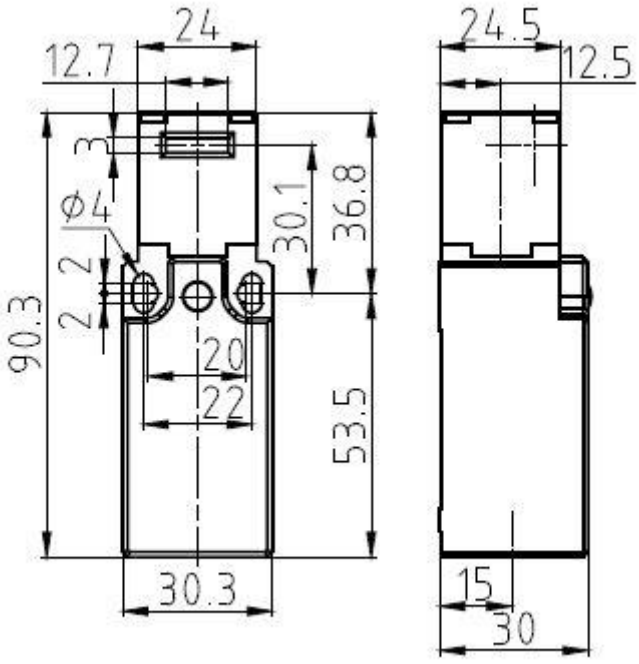
Safety limit switch with separate actuator

Adjustable head 90°

(Key to be ordered separately)

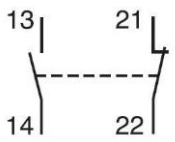
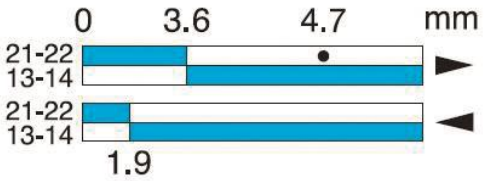
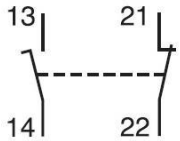
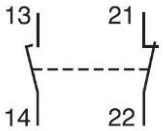
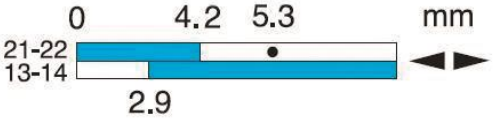
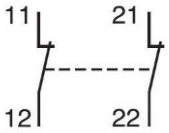
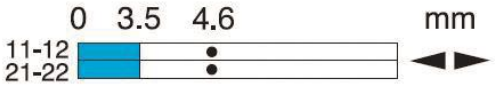
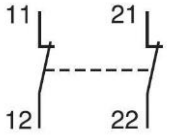
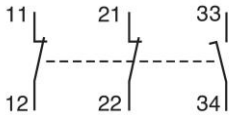
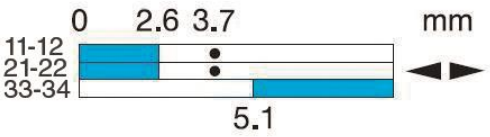
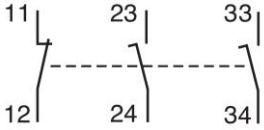
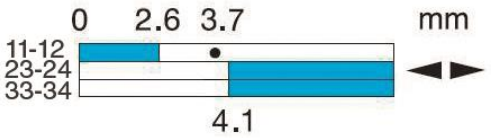
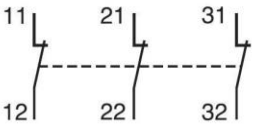
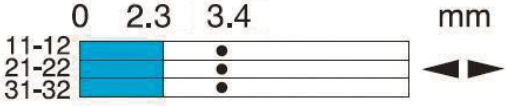
Z11: Snap action (1NO + 1NC)
X11: Slow action break before make (1NO + 1NC)
Y11: Slow action make before break (1NO + 1NC)
W02: Simultaneous slow action (2NC)
Z02: Snap action (2NC)
X12P: Slow action break before make (1NO + 2NC)
X21P: Slow action break before make (2NO + 1NC)
W03P: Simultaneous slow action (3NC)





Certifications – Approvals

Operating Diagrams

Z11			Positive opening operations according to IEC 60947-5-1
X11			Positive opening operations according to IEC 60947-5-1
Y11			Positive opening operations according to IEC 60947-5-1
W02			Positive opening operations according to IEC 60947-5-1
Z02			Positive opening operations according to IEC 60947-5-1
X12P			Positive opening operations according to IEC 60947-5-1
X21P			Positive opening operations according to IEC 60947-5-1
W03P			Positive opening operations according to IEC 60947-5-1

General Technical Data

			Plastic casing
Standards			Devices conform with IEC 60947-5-1; EN 60947-5-1; UNI EN ISO 14119
Certifications - Approvations			UL - CSA - IMQ - EAC
Air Temperature			
– during operation		°C	– 25 … + 70
– for storage		°C	– 30 … + 80
Protection against electrical shocks (according to IEC 61140)			Class II
Protection degree (according to IEC 60529 and EN 60529)			IP65
Rated insulation voltage U_i			
– according to IEC 60947-1 and EN 60947-1			500 V (degree of pollution 3) (400 V for contacts Z02, X12P, X21P e W03P)
– according to UL 508 and CSA C22-2 n° 14			A600, Q600 (A300, Q300 for contacts X12P, X21P e W03P)
Rated impulse withstand voltage U_{imp} (according to IEC 60947-1 and EN 60947-1)		KV	6
Conventional free air thermal current I_{th} (according to IEC 60947-5-1 and EN 60947-5-1) θ < 40°C		A	10
Protezione al cortocircuito Ue < 500V a.c. – gG (gl) type fuses		A	10
Rated operational current			
Ie / AC-15 (according to IEC 60947-5-1)	24V - 50/60 Hz	A	10
	120V - 50/60 Hz	A	6
	400V - 50/60 Hz	A	4
Ie / DC-13 (according to IEC 60947-5-1)	24V - d.c.	A	6
	125V - d.c.	A	0.55
	250V - d.c.	A	0.4
Switching frequency		Cycles/h	3600
Load factor			0.5
Resistance between contacts		mΩ	25
Connecting terminals			M3.5 (+,–) pozidriv 2 screw with cable clamp (M3 for 3 poles contact type)
Connecting capacity		1 or 2 x mm^2	0.75 … 2.5 (0.34 … 1.5 for 3 poles contact type)
Terminal marking			According to IEC 60947-5-1
Mechanical durability		Millions of operations	1
B10d		Millions of operations	2