

# Safety Limit Switches

## Safety Series - Limit Switches

IP65 □ thermoplastic type



TECHNO-CONTROL EQUIPMENT

1 cable entry  
M16x1.5



ST1K1



ST1K61



ST1K71 Zinc Plated Steel Spindle  
ST1K72 Stainless Steel Spindle



ST1K8

TYPE OF OPERATOR	90° ADJUSTABLE TURRET HEAD WITH ACTUATOR	ADJUSTABLE STEEL ROTARY LEVER	STEEL SPINDLE	360° ADJUSTABLE TURRET HEAD WITH ACTUATOR
Standard - Positive opening NC contacts (→)	- (→)	- (→)	- (→)	-
Minimum tripping force N	-	-	-	-
Minimum positive opening force N	-	-	-	-
Snap action Z11 1NC-1NO 	ST1K1*Z11	ST1K61Z11	Zinc Plated ST1K71Z11 Stainless ST1K72Z11	ST1K8*Z11
Slow break X11 1NC-1NO 	ST1K1*X11	ST1K61X11	Zinc Plated ST1K71X11 Stainless ST1K72X11	ST1K8*X11
Slow break Y11 1NC-1NO overlapping 	ST1K1*Y11	ST1K61Y11	Zinc Plated ST1K71Y11 Stainless ST1K72Y11	ST1K8*Y11
Snap action Z02 2NC 	ST1K1*Z02	ST1K61Z02	Zinc Plated ST1K71Z02 Stainless ST1K72Z02	ST1K8*Z02
Slow break W02 2NC 	ST1K1*W02	ST1K61W02	Zinc Plated ST1K71W02 Stainless ST1K72W02	ST1K8*W02

WEIGHT gr. - MIN. PACK QTY.

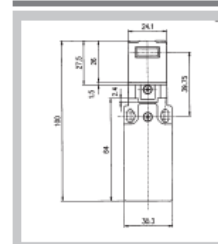
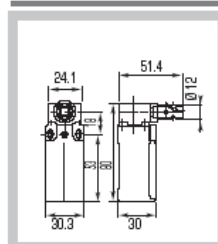
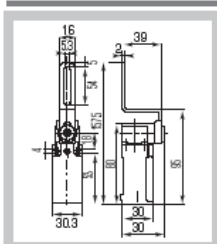
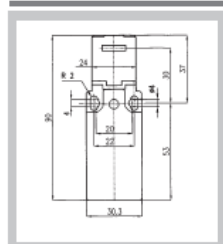
83 gr. 1 pcs.

96 gr. 1 pcs.

80 gr. 1 pcs.

90 gr. 1 pcs.

DIMENSIONS



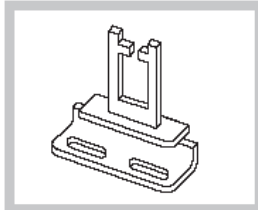
\* Include actuator  
type reference number  
i.e.: ST1K13Z11

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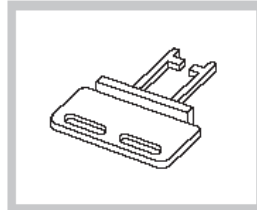
### ACTUATORS



22MM RIGHT-ANGLED ACTUATOR

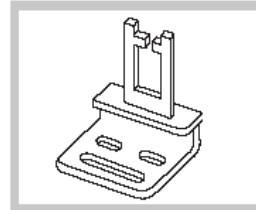
REFERENCE NO.

3



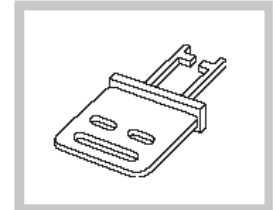
22MM STRAIGHT ACTUATOR

4



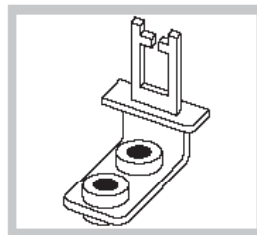
13MM RIGHT-ANGLED ACTUATOR

5



13MM STRAIGHT ACTUATOR

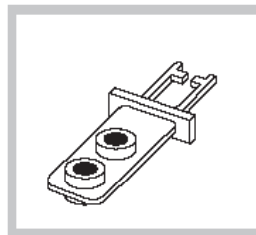
6



SHOCK ABSORBING RIGHT-ANGLED ACTUATOR

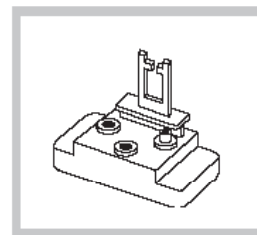
REFERENCE NO.

7



SHOCK ABSORBING STRAIGHT ACTUATOR

8



JOINTED KEY ACTUATOR

9

### GENERAL CHARACTERISTICS

Safety limit switches are suitable for stopping dangerous machinery movements on opening of machine guards or protective covers. Available with different type of actuators and controls and with adjustable turret heads which can be rotated through 360° in 90° steps, they can be installed with a wide variety of opening mechanisms.

Comply with		IEC/EN60947-5-1, UL508		
Rated insulation voltage $U_i$	V	690		
Rated impulse withstand voltage $U_{imp}$	kV	6		
Operating frequency	Hz	50		
Rated thermal current $I_{th}$	A	10		
Rated operating current $I_e$ :				
AC15: alternate current	V	24	230	380
	A	10	3.1	1.9
DC13: direct current	V	24	250	-
	A	2.8	0.27	-
Conditional short circuit withstand		10A gG fuse rating		
Electrical shocks withstand IEC 536		class II		
Protection rating IEC/EN 60529		IP65		
Operating temperature	°C	-25 +70		
Category of use UL 508		A600 - Q600		
Certifications		UL		