

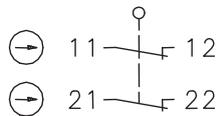
Safety switch

Series SKI – with separate actuator

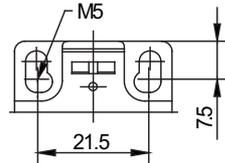
Description **SKI-A2Z**

Article number **6016869166**

Operating symbol



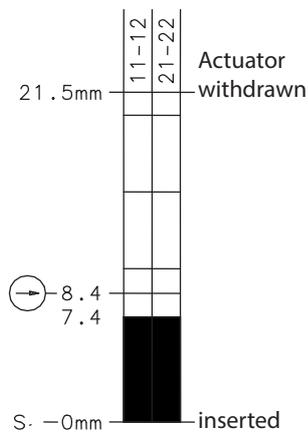
Fixed positioning for safety applications.
Mounting screw according to DIN 912 M5



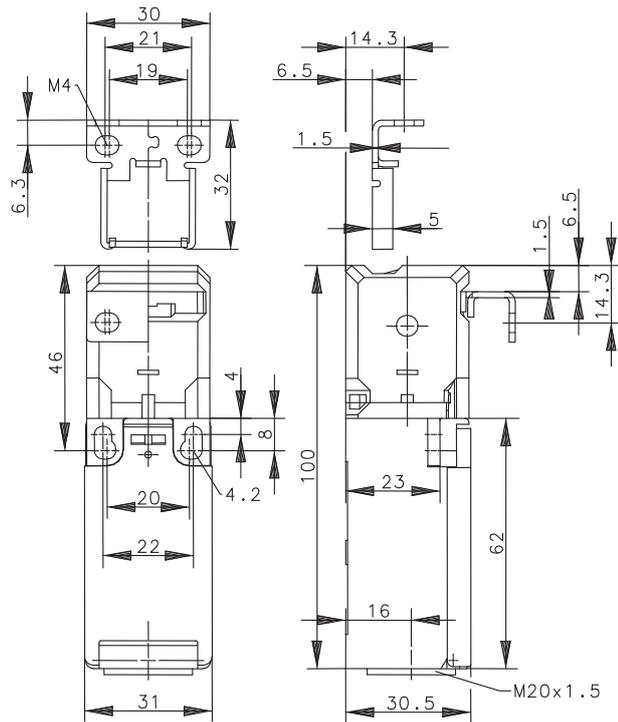
To prevent manipulation of the actuator, The unclosed safety screw must be used (M4x8)

The actuator is not included in the delivery and must be ordered separately. Technical specifications are only valid in connection with the actuator Bernstein-Art.-No.: 3112850340

Operating diagram



On
 Off
 Tolerance:
 Operating Point $\pm 0,25$ mm;
 Operating force ± 10 %

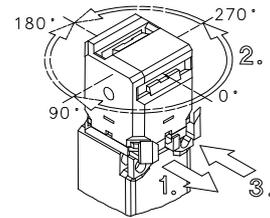


Electrical Data

Rated insulation voltage	U_i	250 V AC
Conv. thermal current	I_{the}	10 A
Utilization category		AC-15, U_e/I_e 240 V / 3 A
Direct opening action		acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 6 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Separate actuator (not included in the delivery)
Extraction force	10 N
Ambient air temperature	-30° C ... +80° C
Contact type	2 NC (Zb)
Mechanical life	1 x 10 ⁶ operating cycles
Switching frequency	≤ 30 / min.
Assembly	Safety switch 2 x M4
	Actuator 2 x M4
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,11 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation	
To achieve the 8 different actuator points please follow the next instructions	
(1)	pull fixing clamp
(2)	turn actuator
(3)	push fixing clamp



Standards	
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1	
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1	

EU Conformity	
acc. to directive 2006/95/EC	

Approvals	
cCSA _{US} A300 (same polarity)	

Notes	
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.	
The switch may not be used as a mechanical stop.	
Radial actuation may reduce the mechanical life.	
The min. radius refers to a pivot at the top of the cap (S ₀).	
Tapped holes not in use must be closed with blind plugs.	
Details for acutator, Bernstein Art.-No.: 3112850340	
Without acutator	

