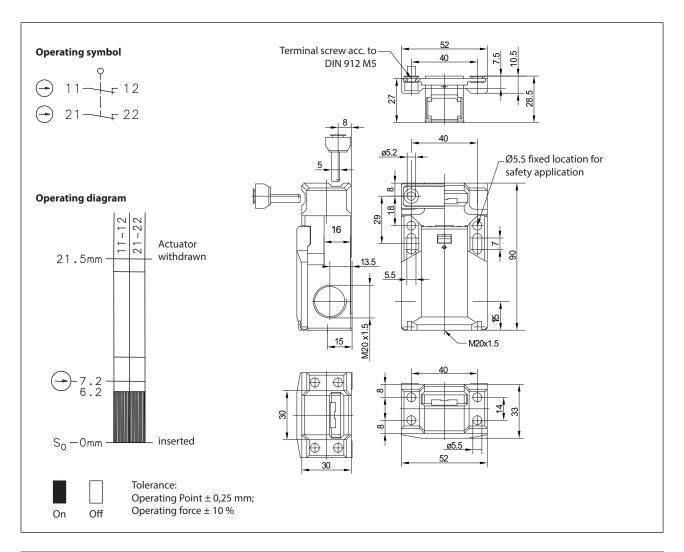


## Safety switch

Series SK- with separate actuator

Description **SK-A2Z F30 M** Article number **6016169053** 



Electrical Data				
Rated insulation voltage	U <sub>i</sub>	250 V AC		
Conv. thermal current	l <sub>the</sub>	10 A		
Utilization category		AC-15, Ue /le 240 V / 3 A		
Direct opening action	$\odot$	according to IEC/EN 60947-5-1, Annex K		
Short-circuit protective device		Fuse 6 A gG		
Protection class		II, totally insulated		



Mechanical da	ta		
Enclosure		Thermoplastic, glass fibre reinforced (UL94-V0)	
Cover		Thermoplastic, glass fibre reinforced (UL94-V0)	
Actuator		Separate actuator (G-stainless steel)	
Extraction force		30 N	
Ambient air temperature		-30 °C +80 °C	
Contact type		2 NC (Zb)	
Mechanical life		1 x 10° switch operations	
Switching frequency		≤ 30 / min.	
Assembly	Safety switch	2 x M5	
	Actuator	2 x M5	
Connection		4 screw connections (M3)	
Conductor cross-sections		Solid: 0,5 1,5 mm <sup>2</sup>	
		Litz wire with ferrules: 0,5 1,5 mm <sup>2</sup>	
Cable entrance		3 x M20 x 1,5	
Weight		≈ 0,15 kg	
Installation position		operator definable	
Protection type		IP65 acc. to IEC/EN 60529	

ID for safety engineering	
B10d	2 x 10 <sup>6</sup> switching cycles

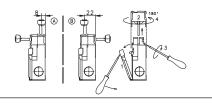
## Actuation

Turning the cap (pos A/B) allows 4 different directions of drive.

Cover (1) has to be opened before turning the cap (2).

Insert the screwdriver into the gap between housing and cap and turn until the cap snaps off.

Remove the cap, turn it 180° (4), latch it into the housing and close the cover.



Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
acc. to directive 2006/42/EC	

Approvals	
TÜV Rhei	nland, Product Safety
CCC	
cCSA <sub>US</sub>	A300 (same polarity)

## Notes

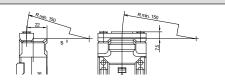
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.

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.



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