### **Technical Data**

# Safety switch

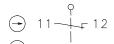


### Series SK - with separate actuator

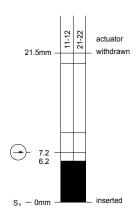
Description SK-A2Z M

Article number **6016169036** 

#### Operating symbol



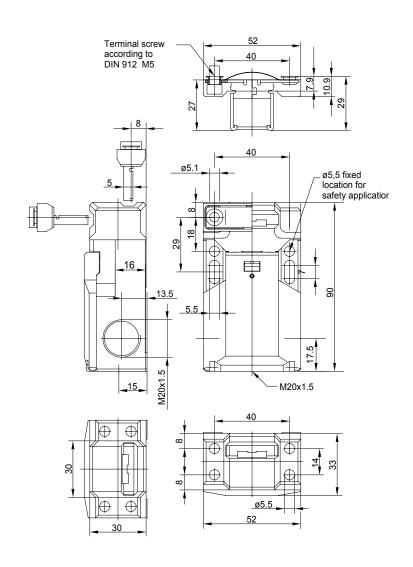
#### Operating diagram





Tolerances

Operating point: ± 0,25mm; Actuating force: ± 10%



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

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Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL94-V0)
Actuator	Separate actuator (St – stainless steel)
Extraction force	10N
Ambient air temperature	-30°C +80°C
Contact type	2 NC (Zb)
Mechanical life	1 x 10 <sup>6</sup> switch operations
Switching frequency	≤ 30 / min.
Assembly Safety switch	2 x M5
Actuator	2 x M5
Connection	4 screw connections (M3,5)
Conductor cross-sections	Single sore 0,5-1,5mm <sup>2</sup>
	Litz wire with connector sleeve 0,5 -1,5mm <sup>2</sup>
Cable entrance	3 x M20 x 1,5
Weight	≈ 0,13kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

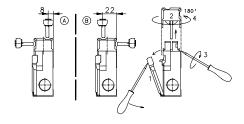
#### **Actuation**

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

EU Conformity	C€
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Approvals	
	TÜV Rheinland, Type Approved
	<sub>C</sub> CSA <sub>US</sub> A300 (same polarity)

#### **Notes**

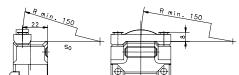
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.

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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