

# Safety switch

### Series SK- with separate actuator

#### Description SK-UV15Z M

Article number 6016169026



Electrical Data		
Rated insulation voltage	Ui	400 V AC
Conv. thermal current	$I_{the}$	5 A
Utilization category		AC-15, U <sub>e</sub> /I <sub>e</sub> 240 V / 1,5 A
Direct opening action	$\ominus$	according to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 6 A gG
Protection class		II, totally insulated

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### **Technical Data**



Mechanical data			
Enclosure		Thermoplastic, glass fibre reinforced (UL94-V0)	
Cover		Thermoplastic, glass fibre reinforced (UL94-V0)	
Actuator		Separate actuator (St-stainless steel)	
Extraction force		10 N	
Ambient air temperature		-30 °C +80 °C	
Contact type		2 NC, 1 NO (Zb)	
Mechanical life		1 x 10 <sup>6</sup> switching cycles	
Switching frequency		≤ 30 / min.	
Assembly	Safety switch Actuator	2 x M5 2 x M5	
Connection		6 screw connections (M3)	
Conductor cross-sections		Solid: 0,5 1,5 mm² Litz wire with ferrules: 0,5 1,5 mm²	
Cable entrance		2 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 Rheinland, Product Safety <sub>c</sub>CSA<sub>us</sub> B300 (same polarity) CCC

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#### 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<sub>0</sub>). Tapped holes not in use must be closed with blind plugs.

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