

Technical Data

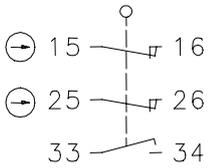
Safety switch

Series SK – with separate actuator

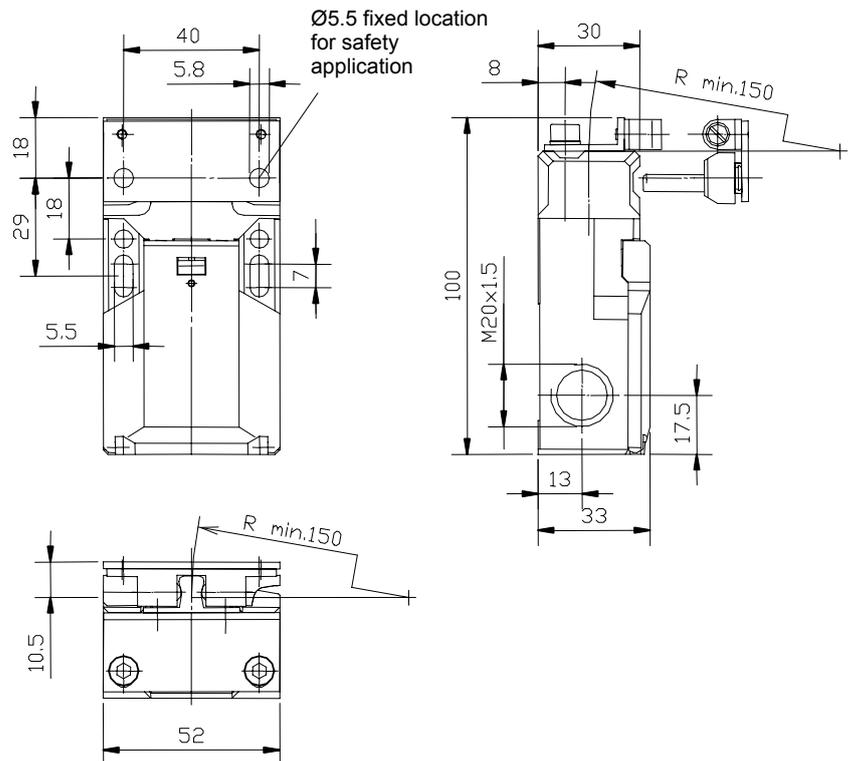
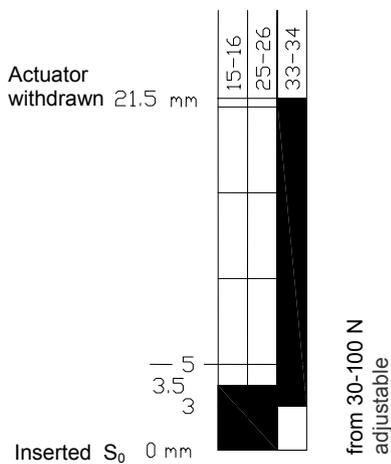
Description **SK-UV15Z F100 P**

Article number **6116169161**

Operating symbol



Operating diagram



ON **OFF** Tolerances
 Operating point: $\pm 0,25\text{mm}$;
 Actuating force: $\pm 10\%$

Electrical data

Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	5 A
Utilization category		AC-15, U_e/I_e 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 gL/gG
Protection class		II, totally insulated

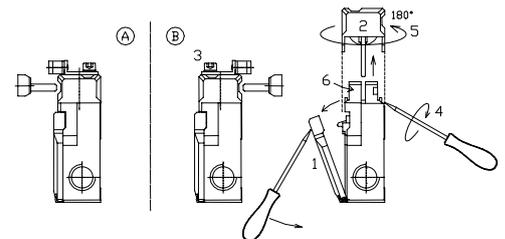
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Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL94-V0)
Actuator	Separate actuator (Thermoplastic)
Extraction force	100N – 20%
Ambient air temperature	-30°C ... +80°C
Contact type	2 NC, 1 NO (Zb)
Mechanical life	Standard 1 x 10 ⁶ switch operations
Increased actuating force	1 x 10 ⁵ switch operations
Switching frequency	≤ 30 / min.
Assembly	Safety switch 2 x M5
	Actuator 2 x M5
Connection	6 screw connections (M3)
Conductor cross-sections	Solid: 0,5 ... 1,5mm ² Litz wire with ferrules: 0,5 ... 1,5mm ²
Cable entrance	2 x M20 x 1,5
Weight	≈ 0,15kg
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
GS-ET 15

EU Conformity
CE

Approvals
UL/CSA B300 (same polarity)

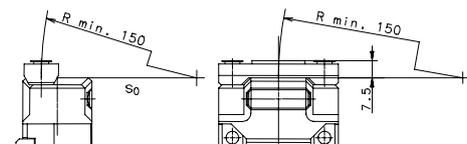
Notes

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.

Tapped holes not in use must be closed with blind plugs.



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