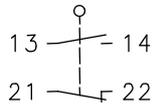


Series D

Description **D-SU1Z VKS 90 GR**

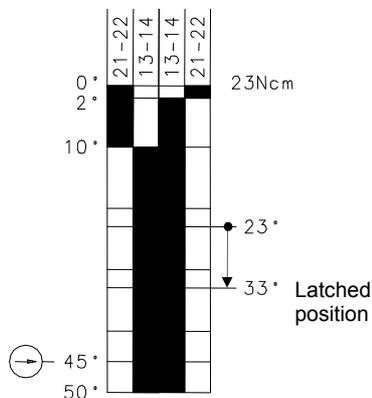
Article number **6141100759**

Operating symbol



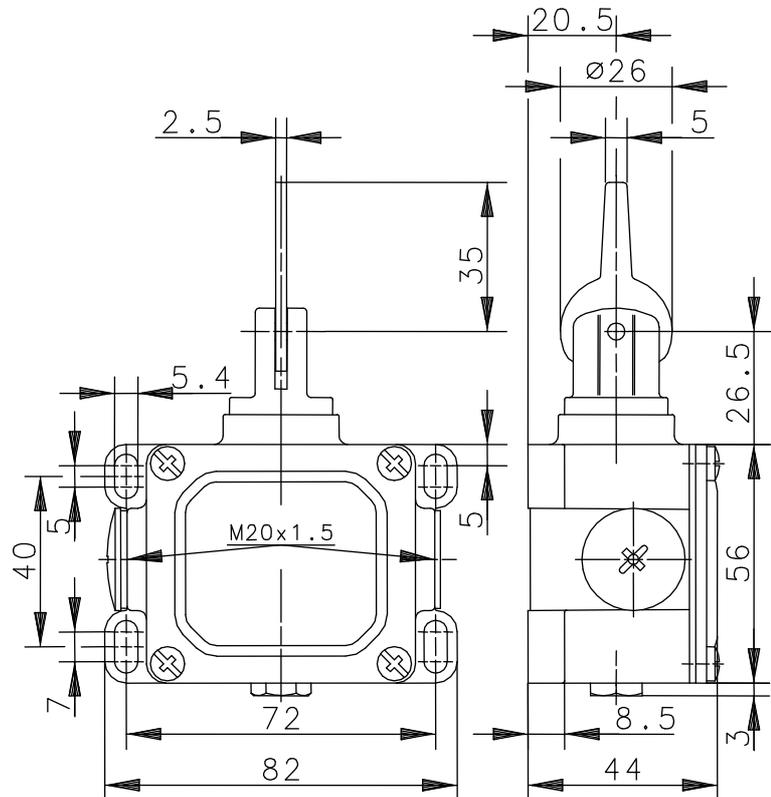
Operating diagram

(Lever falls down itself into located position off 23°)





 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}	10 A
Rated operational voltage	U_e	240 V
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 2 A gL/gG
Protection class		I

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Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever (st)
Ambient air temperature	-40 °C/+80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁵ operating cycles
Switching frequency	≤ 50/min.
Assembly	4 x M5
Connection	4 screw terminals (M3.5)
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	≈ 0,28 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation

The actuating device is preferably started from 2 sides.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.

Standards	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
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EU Conformity	CE
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Approvals	c CSA US A300 (same polarity)
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Notes

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable. The switch has to be protected from all kinds of weather conditions.