

Technical Data

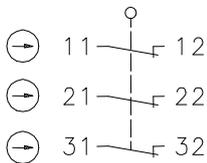
Metal Switches

Series D

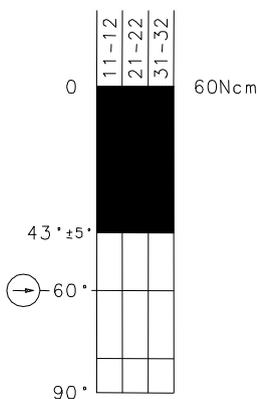
Description **D-A3Z AHS GU**

Article number **6142935752**

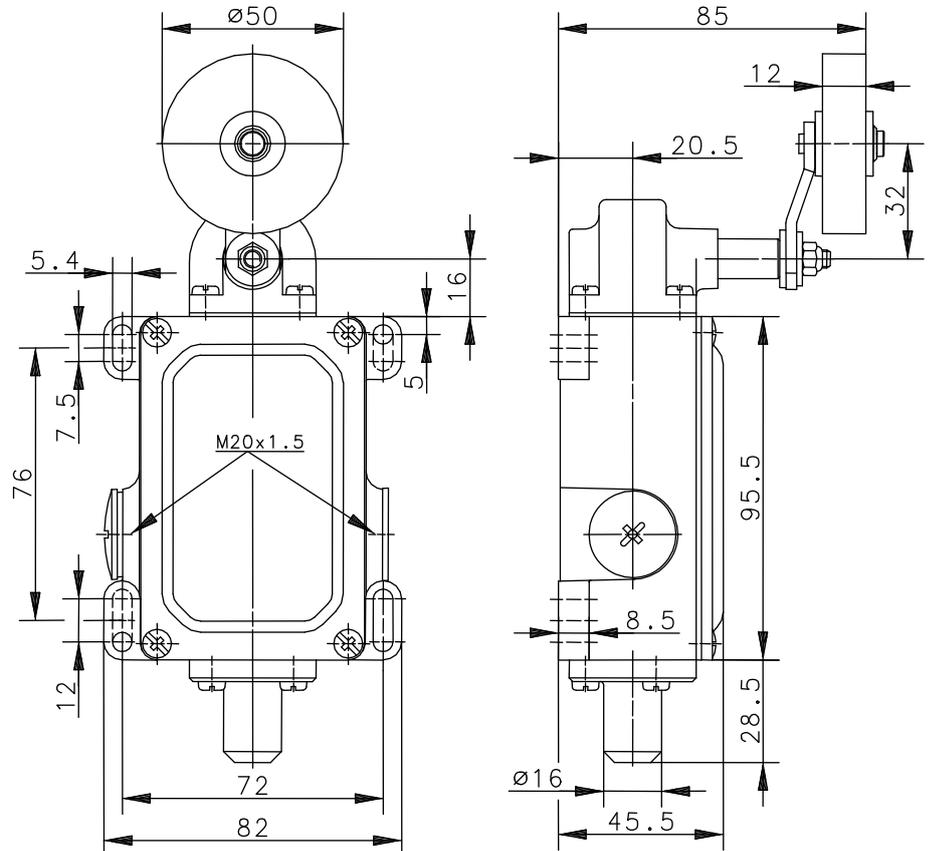
Operating symbol



Operating diagram



ON OFF Tolerances
 Difference between switching points: $\pm 2^\circ$;
 Operating torque: $\pm 10\%$



Electrical data

Rated insulation voltage	U_i	400 VAC
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 10 A gG
Protection class		I

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Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Turret head (Zn-die cast), lever (st), roller (rubber)
Ambient air temperature	-30 °C ... +80 °C
Contact type	3 NC (Zb)
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	6 screw terminals (M4)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	2 x M20 x 1,5
Weight	≈ 0,64 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

ID for safety engineering	
B10d - value	2 x 10 ⁶ switching cycles

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 8 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

EU Conformity	
	acc. to directive 2006/95/EG

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.

In difference to AC 15 this switch can be used as a limiting switch (fuse switch) for breaking current of up to 25 A AC.