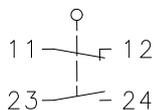


Series D

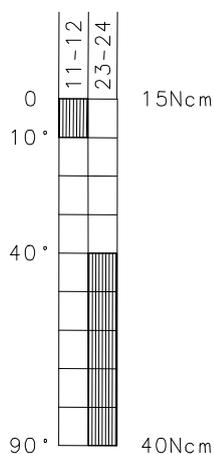
Description **D-U1 AK 90GR**

Article number **6141138758**

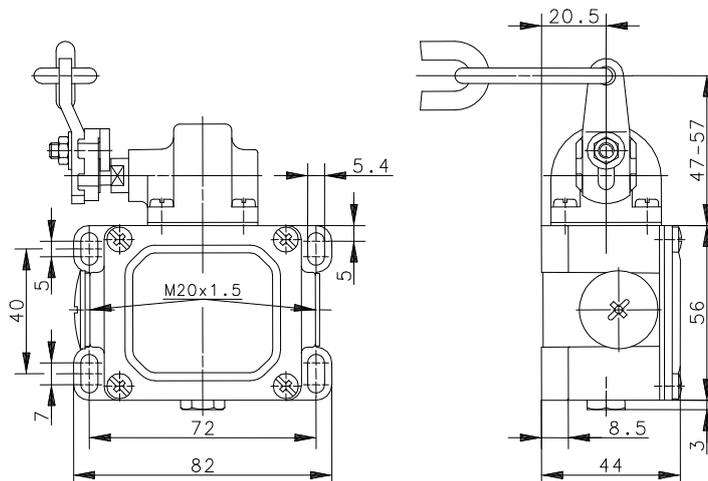
Operating symbol



Operating diagramme



 ON
 OFF
 Tolerances
 Operating point: $\pm 3,5^\circ$;
 Operating torque: $\pm 10\%$



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, A300, U_e/I_e 240V/3A
Short-circuit protective device		Fuse 10 A gL/gG
Protection class		I

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Mechanical data

Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever arm housing (die-cast aluminium), Lever (St), chain (plastic material, 2,5m)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 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 M20x1,5
Weight	≈ 0,52 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation

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

CE

Approvals

cCSA_{US}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.