

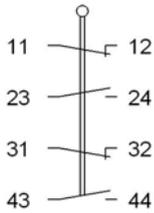
Technical Data Metal Switches

Series D

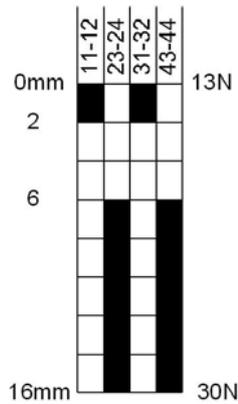
Description **D-U2 HW**

Article number **6042221032**

Operating symbol

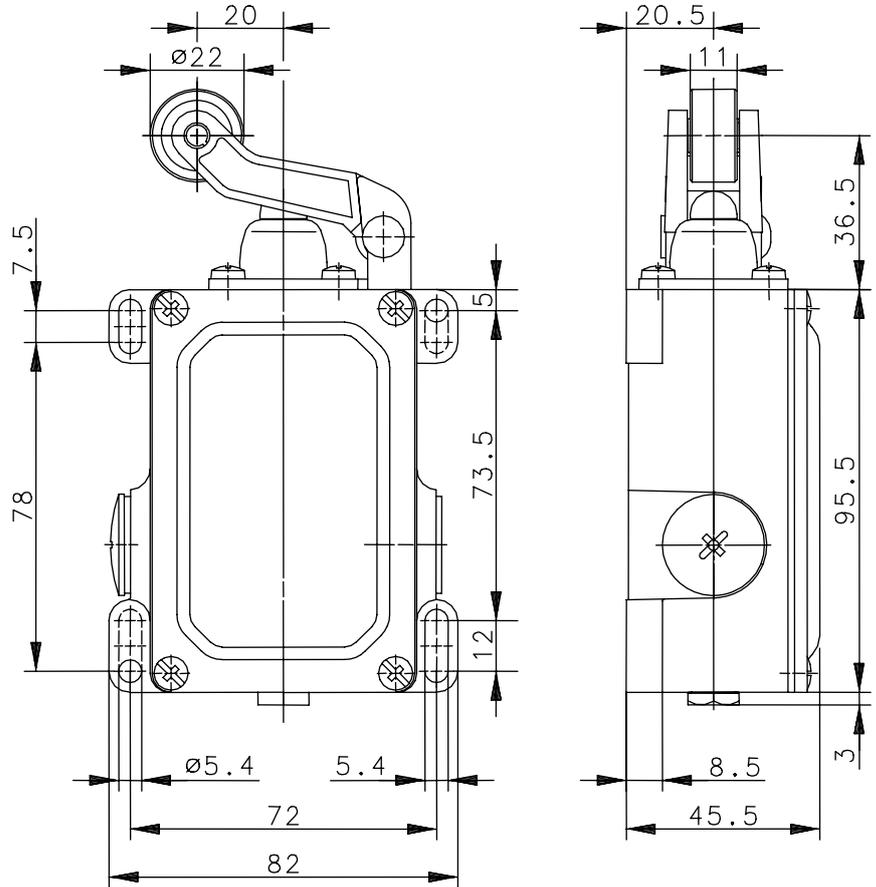


Operating diagram





 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}	16 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V / 10 A
Short-circuit protective device		Fuse 16 A gL/gG
Protection class		I

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Mechanical data

Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever (Die-cast aluminium), roller (thermoplastic)
Ambient air temperature	-30°C ... +80°C
Contact type	2 NC, 2 NO
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	8 screw terminals (M4)
Conductor cross-sections	Solid: 0.5 ... 1.5mm ² Litz wire with ferrules: 0.5 ... 1.5mm ²
Cable entrance	2 x M20x1.5
Weight	≈ 0,46 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation

The actuating device is preferably started from 1 side.

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



Approvals

cCSA_{US} A300 (same polarity)

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.