Technical Data

Metal Switches

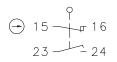


Series D

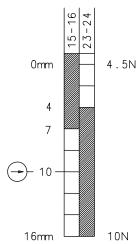
Description D-UV11Z HTW 180GR HITZE

Article number 6141321773

Operating symbol



Operating diagram



Tolerances

ON OFF

Operating point: ± 0.25mm; Actuating force: ± 10%

	5.4	20.5
8	2	44

Electrical data		
Rated insulation voltage	Ui	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 / 3 A
Direct opening action	Θ	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		Ţ

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Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever with roller (st)
Ambient air temperature	-30 °C +120 °C
Contact type	1 NC, 1 NO (Za)
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 M20 x 1.5
Weight	≈ 0.38 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

ID for safety engineering

B10d 20 x 10⁶ switching cycles

Actuation

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 DIN EN ISO 13849-1
EU Conformity	acc. to directive 2006/95/EC
Approvals	CSA A300

Notes

The degree of protection specified (IP code) applies only to a properly closed cover.

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