Technical Data

Metal Switches



Series D

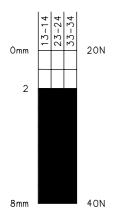
Description D-E3 W

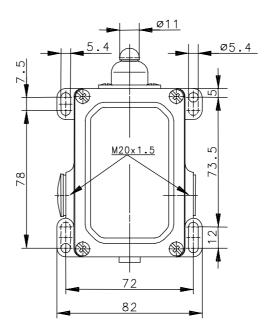
Article number 6042903068

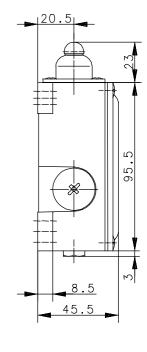
Operating symbol



Operating diagram







Tol

ON

Tolerances

Operating point: ± 0,25mm;
Actuating force: ± 10%

Electrical data		
Rated insulation voltage	Ui	400 VAC
Conv. thermal current	I _{the}	10A
Rated operational voltage	U_e	240V
Utilization category		AC-15, U _e /I _e 240V/6A
Short-circuit protective device		Fuse 10A gL/gG
Protection class		I

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Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Push bolt (st)
Ambient air temperature	-30°C +80°C
Contact type	3 NO
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 1,5mm ²
	Litz wire with ferrules: 0,5 1,5mm ²
Cable entrance	2 x M20x1.5
Weight	≈ 0,40 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation

The push bolt actuator is mainly intended to be actuated along it's axis. Side actuation will considerably reduce switch life.

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	C€
Approvals	_C CSA _{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.

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