## **Technical Data**

### **Metal Switches**



#### Series D

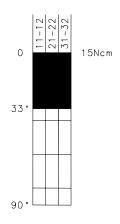
Description D-A3 AH

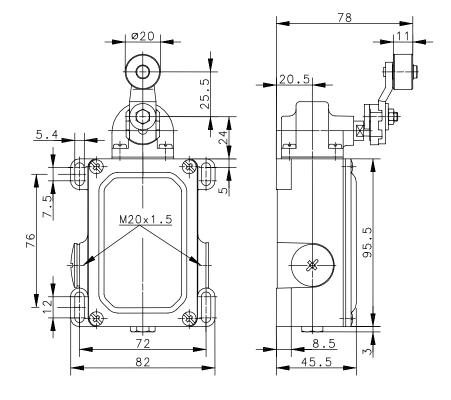
Article number **6042935129** 

#### Operating symbol



#### Operating diagram





Tolerances
Operating point: ± 0,35 °;
Actuating force: ± 10 %

Electrical data		
Rated insulation voltage	Ui	400 VAC
Conv. thermal current	I <sub>the</sub>	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, U <sub>e</sub> /I <sub>e</sub> 240 V / 3 A
Short-circuit protective device		Fuse 10 A gL/gG
Protection class		I

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# **Technical Data**Metal Switches



Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Turret head (Zn-die cast), lever (st),
	roller (thermoplastic)
Ambient air temperature	-30 °C +80 °C
Contact type	3 NC (Zb)
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	6 screw terminals (M4)
Conductor cross-sections	Solid: 0,5 1,5 mm <sup>2</sup>
	Litz wire with ferrules: 0,5 1,5 mm <sup>2</sup>
Cable entrance	2 x M20x1,5
Weight	≈ 0,54 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 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
EU Conformity	C€
Approvals	<sub>C</sub> CSA <sub>US</sub> 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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