

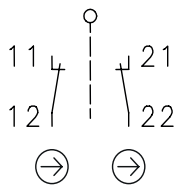
Metal bodied limit switch

Series D

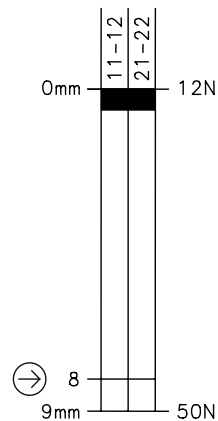
Description **D-A2Z STW**

Article number **6041806003**

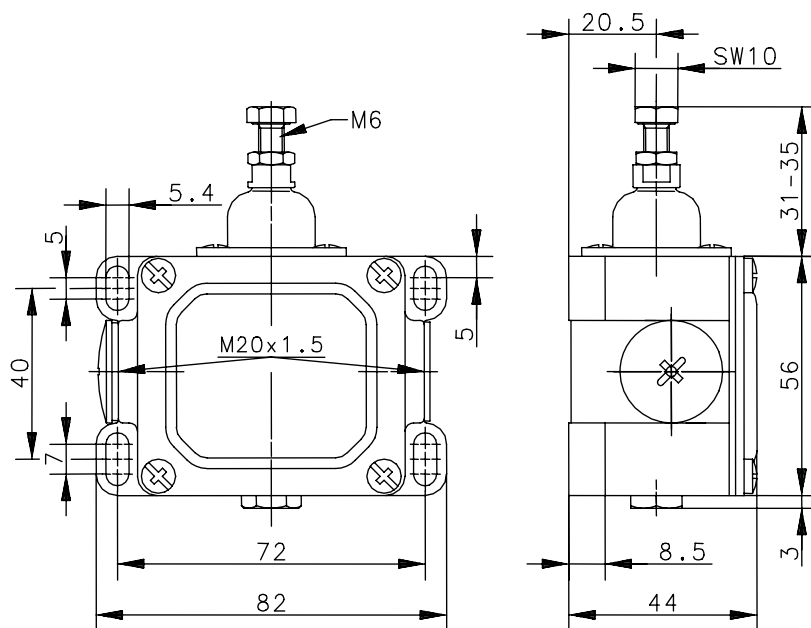
Operating symbol



Operating diagram



 On
  Off
 Tolerance:
 Operating Point $\pm 0,25$ mm;
 Actuating force: ± 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
Direct opening action		acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 16 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Plunger adjustable (steel)
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 NC (Zb)
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 screw connections (M4)
Conductor cross-sections	0,5 – 1,5 mm ² (solid or stranded wire with ferrules)
Cable entrance	2 x M20 x 1,5
Weight	≈ 0,27 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Characteristics for functional safety (electrical und mechanical; @ DC-13; 24 V; I _{e2} = 0,1 A)	
B10d	20 x 10 ⁶ switching cycles

Actuation	
Actuation only in plunger direction.	

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals	
	C _{CSA_{US}} A300 (same polarity)
	CCC

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.	