

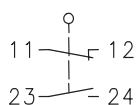
Metal bodied limit switch

Series D

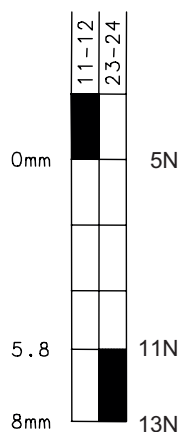
Description **D-U1 PA-RECHTS**

Article number **6141114078**

Operating symbol



Operating diagram

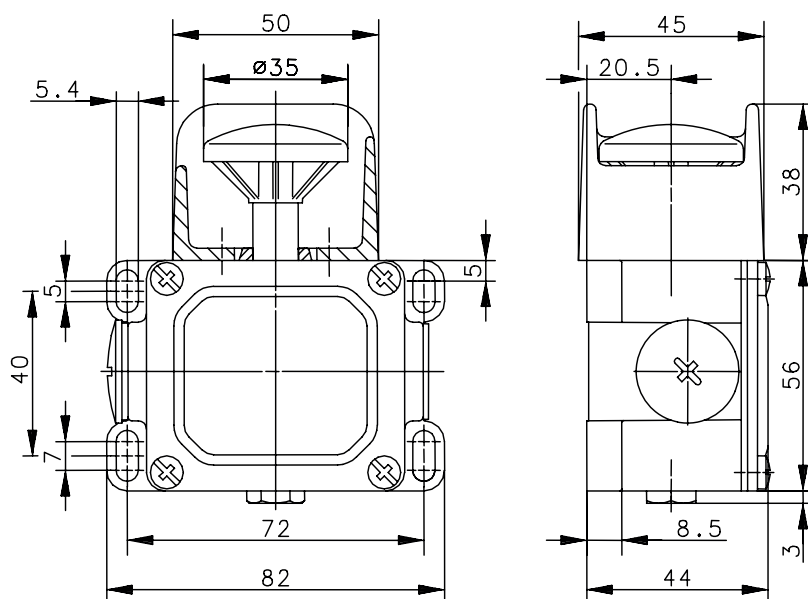


On



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}	10 A
Rated operational voltage	U_e	240 V
Utilization category	AC-15, U_e/I_e 240 V / 3 A	
Short-circuit protective device	Fuse 10 A gG	
Protection class	I	

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Mushroom button (thermoplastic), deflector (al-cast)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1NO
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 screw connections (M4)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	2 x M20 x 1,5
Weight	≈ 0,33 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
DIN EN 60947-5-1

EU Conformity
2014/35/EU (Low-Voltage-Directive)

Approvals
cCSA _{US} A300 (same polarity)

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.