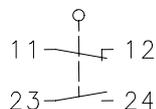


### Series D

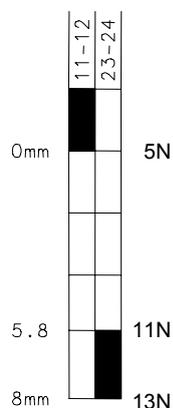
Description **D-U1 PA-RECHTS**

Article number **6141114078**

Operating symbol

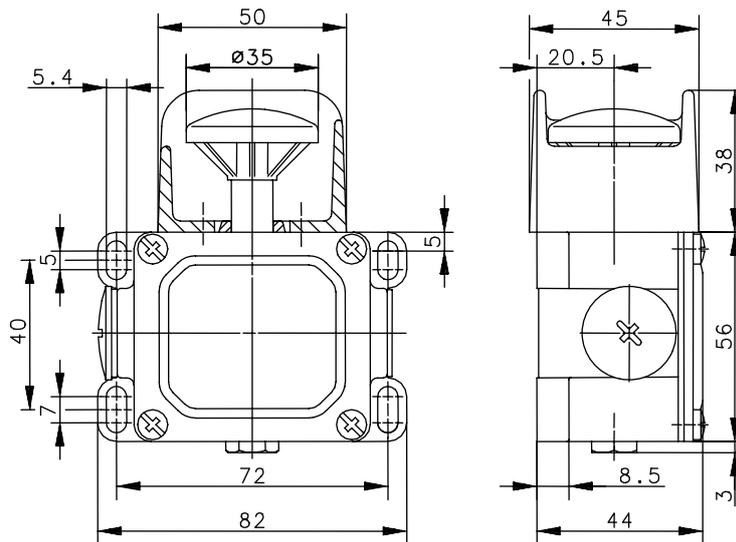


Operating diagram





**Tolerances**  
 Operating point:  $\pm 0,25\text{mm}$ ;  
 Actuating force:  $\pm 10\%$



### Electrical data

Rated insulation voltage	$U_i$	400 VAC
Conv. thermal current	$I_{the}$	10A
Rated operational voltage	$U_e$	240V
Utilization category		AC-15, $U_e/I_e$ 240V/3A
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	Mushroom button (thermoplastic), deflector (al-cast)
Ambient air temperature	-30°C ... +80°C
Contact type	1 N.C. 1 N.O.
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 screw terminals (M4)
Conductor cross-sections	Solid: 0.5 ... 1.5mm <sup>2</sup> Litz wire with ferrules: 0.5 ... 1.5mm <sup>2</sup>
Cable entrance	2 x M20x1.5
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

VDE 0660 T100, DIN EN 60947-1, IEC 60947-1  
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

### EU Conformity

CE

### Approvals

cCSA<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.