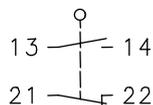


### Series D

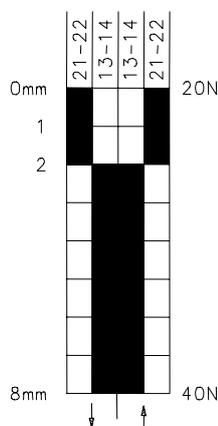
Description **D-SU1 W**

Article number **6041153156**

Operating symbol

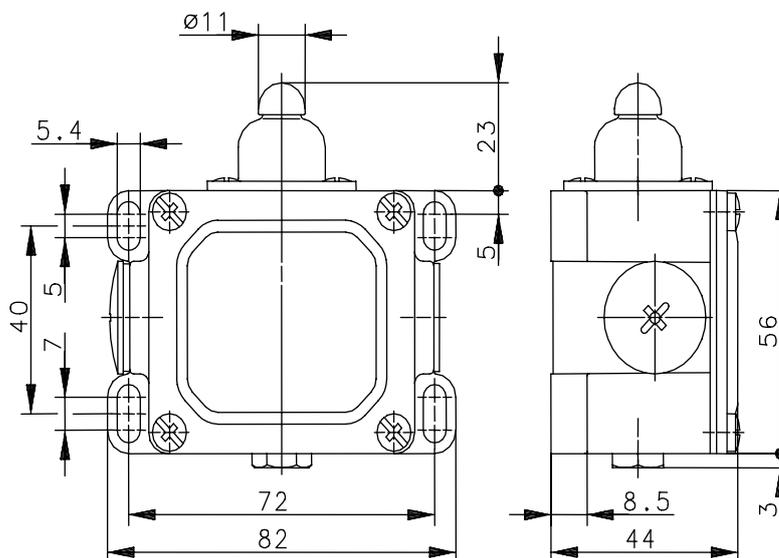


Operating diagram





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



### Electrical data

Rated insulation voltage	$U_i$	500 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 / 6 A
Short-circuit protective device		Fuse 10 A gL/gG
Protection class		I

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### Mechanical data

Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Plunger
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO
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 ... 1,5 mm <sup>2</sup> Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entrance	2 x M20x1,5
Weight	≈ 0,27 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 (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.