



1) Reference edge, 2) Sealing ring



**Basic features**

Approval/Conformity	CE UKCA CCC WEEE
Basic standard	IEC 60947-5-1
Operating principle	1-3. Switch position: Mechanical
Version	Snap contact

**Display/Operation**

Function indicator	1-3. Switch position: None
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**Electrical connection**

Connection type	1-3. Switch position: Solder connection
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**Electrical data**

Continuous current	1-3. Switch position: 5 A
Rated operating voltage Ue	1-3. Switch position: 250 V AC
Switching function mechanical	Single-pin changeover
Switching rate	1-3. Switch position: 200/min

**Environmental conditions**

Ambient temperature	-5...85 °C
IP rating	IP67

**Functional safety**

B10d (EN ISO 13849-1)	BSE 69.1: 10 mil. switching cycles
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**Material**

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-3. Switch position: Silver
Plunger material	1-3. Switch position: 1.4034 stainless steel

**Mechanical data**

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-3. Switch position: 20 m/min
Dimension	72 x 59 x 47 mm
Distance cam - reference edge	1-3. Switch position: 2.30...2.80 mm
Flange, feed-through	1 threaded exit M16
Installation	Vertical
Life expectancy mechanical	1-3. Switch position: 10 mil. switching operations
Number of switching positions	3x Chisel Mechanical
Plunger spacing 1st switch position	26 mm
Plunger style	1-3rd switch position: Chisel
Switch actuation force	1-3. Switch position: 8 N
Switching element	1-3. Switch position: BSE 69.1

Range/Distance

Reproducibility  
Switch position spacing

1-3. Switch position:  $\pm 0.02$  mm  
8 mm

## Wiring Diagrams

