



1) Reference edge



### Basic features

Approval/Conformity	CE UKCA CCC WEEE
Basic standard	IEC 60947-5-1
Operating principle	1-4. Switch position: Mechanical
Version	Snap contact

### Display/Operation

Function indicator	1-4. Switch position: None
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### Electrical connection

Connection type	1-4. Switch position: Screw terminal
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### Electrical data

Continuous current	1-4. Switch position: 5 A
Rated operating voltage $U_e$	1-4. Switch position: 250 V AC
Switching function mechanical	Single-pin changeover
Switching rate	1-4. Switch position: 200/min

### Environmental conditions

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

### Functional safety

B10d (EN ISO 13849-1)	BSE 70.1: 10 mil. switching cycles
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### Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-4. Switch position: Silver
Plunger material	1-4. Switch position: 1.4034 stainless steel

### Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-4. Switch position: 9 m/min
Dimension	40 x 50 x 48 mm
Distance cam - reference edge	1-4. Switch position: 2.30...2.80 mm
Flange, feed-through	None
Installation	Vertical
Life expectancy mechanical	1-4. Switch position: 10 mil. switching operations
Number of switching positions	4x Ball Mechanical
Plunger spacing 1st switch position	13 mm
Plunger style	1-4th switch position: Ball
Switch actuation force	1-4. Switch position: 8 N
Switching element	1-4. Switch position: BSE 70.1

Range/Distance

Reproducibility  
Switch position spacing

1-4. Switch position:  $\pm 0.03$  mm  
8 mm

## Wiring Diagrams

