



1) Reference edge, 2) Sealing ring



Basic features

Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-1
Operating principle	1-10. Switch position: Mechanical
Version	Snap contact

Display/Operation

Function indicator	1-10. Switch position: None
--------------------	-----------------------------

Electrical connection

Connection type	1-10. Switch position: Screw terminal
-----------------	---------------------------------------

Electrical data

Continuous current	1-10. Switch position: 5 A
Rated operating voltage Ue	1-10. Switch position: 250 V AC
Switching function mechanical	Single-pin changeover
Switching rate	1-10. Switch position: 200/min

Environmental conditions

Ambient temperature	-5...85 °C
Protection degree	IP67

Functional safety

B10d (EN ISO 13849-1)	BSE 70.1: 10 mil. Switching operations
-----------------------	--

Material

Housing material	Aluminum, Anodized
Housing material, surface protection	Anodized
Material contacts	1-10. Switch position: Silver
Plunger material	1-10. Switch position: Stainless steel (1.4034)

Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-10. Switch position: 60 m/min
Distance cam - reference edge	1-10. Switch position: 2.30...2.80 mm
Flange, feed-through	1 threaded exit M16
Installation	Vertical
Life expectancy mechanical	1-10. Switch position: 10 million Switching operations
Number of switching positions	10x Roller
Plunger style	1-10th switch position: Roller
Switch actuation force	1-10. Switch position: 8 N
Switching element	1-10. Switch position: BSE 70.1

Range/Distance

Reproducibility	1-10. Switch position: ±0.05 mm
-----------------	---------------------------------

Wiring Diagrams

