



1) Reference edge, 2) Sealing ring



Basic features

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

Display/Operation

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|--------------------|----------------------------|
| Function indicator | 1-3. Switch position: None |
|--------------------|----------------------------|

Electrical connection

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|-----------------|--------------------------------------|
| Connection type | 1-3. Switch position: Screw terminal |
|-----------------|--------------------------------------|

Electrical data

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

Environmental conditions

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

Functional safety

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

Material

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|--------------------------------------|--|
| 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

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|-------------------------------------|--|
| Approach direction | longitudinal, parallel to attachment surface |
| Approach speed | 1-3. Switch position: 9 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 Ball Mechanical |
| Plunger spacing 1st switch position | 26 mm |
| Plunger style | 1-3rd switch position: Ball |
| Switch actuation force | 1-3. Switch position: 8 N |
| Switching element | 1-3. Switch position: BSE 70.1 |

Range/Distance

Reproducibility
Switch position spacing

1-3. Switch position: ± 0.03 mm
8 mm

Wiring Diagrams

