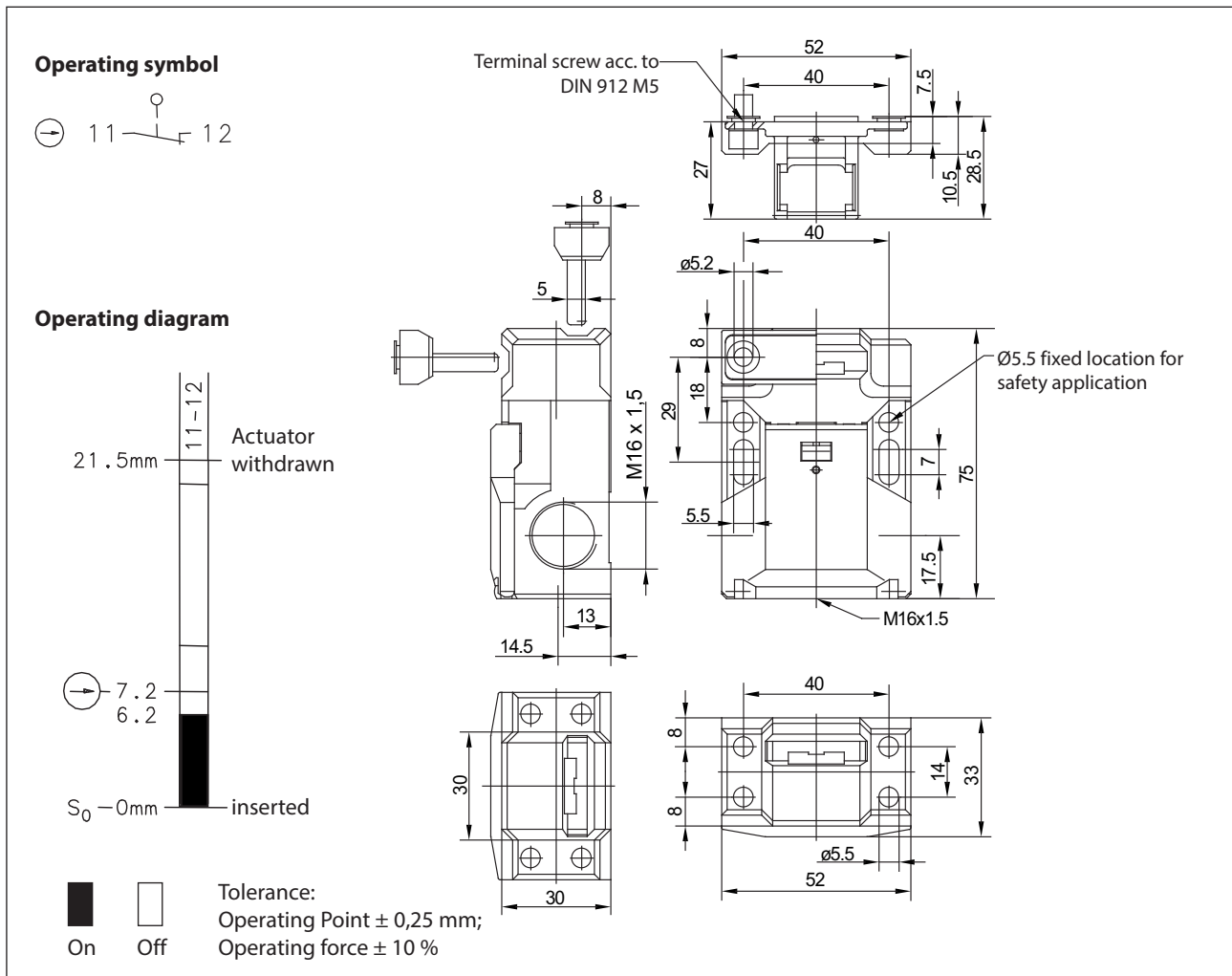


Safety switch

Series SKC- with separate actuator

Description **SKC-A1Z M**

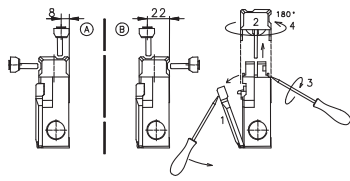
Article number **6016169160**



| Electrical Data | | |
|---------------------------------|-----------|--|
| Rated insulation voltage | U_i | 250 V AC |
| Conv. thermal current | I_{the} | 5 A |
| Utilization category | | AC-15, U_e / I_e 240 V / 1,5 A |
| Direct opening action | \ominus | according to IEC/EN 60947-5-1, Annex K |
| Short-circuit protective device | | Fuse 6 A gG |
| Protection class | | II, totally insulated |

| Mechanical data | |
|--------------------------|--|
| Enclosure | Thermoplastic, glass fibre reinforced (UL94-V0) |
| Cover | Thermoplastic, glass fibre reinforced (UL94-V0) |
| Actuator | Separate actuator (G-stainless steel) |
| Extraction force | 10 N |
| Ambient air temperature | -30 °C ... +80 °C |
| Contact type | 1 NC (Y) |
| Mechanical life | 1 x 10 ⁶ switching cycles |
| Switching frequency | ≤ 30 / min. |
| Assembly | Safety switch 2 x M5 Actuator 2 x M5 |
| Connection | 2 screw connections (M3,5) |
| Conductor cross-sections | Solid: 0,5 ... 1,5 mm ² Litz wire with ferrules: 0,5 ... 1,5 mm ² |
| Cable entrance | 3 x M16 x 1,5 |
| Weight | ≈ 0,11 kg |
| Installation position | operator definable |
| Protection type | IP65 acc. to IEC/EN 60529 |

| ID for safety engineering | |
|---------------------------|--------------------------------------|
| B10d | 2 x 10 ⁶ switching cycles |

| Actuation | |
|--|---|
| <p>Turning the cap (pos A/B) allows 4 different directions of drive. Cover (1) has to be opened before turning the cap (2). Insert the screwdriver into the gap between housing and cap and turn until the cap snaps off. Remove the cap, turn it 180° (4), latch it into the housing and close the cover.</p> |  |

| Standards |
|--|
| VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 |
| VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1 |
| DIN EN ISO 13849-1 |

| EU Conformity |
|------------------------------|
| acc. to directive 2006/42/EC |

| Approvals |
|--|
| TÜV Rheinland, Product Safety |
| c_CSA _{US} B300 (same polarity) |
| CCC |

Notes

The degree of protection (IP code) specified applies solely to a properly closed cover and the use of an equivalent cable gland with adequate cable.
 The switch may not be used as a mechanical stop.
 Radial actuation may reduce the mechanical life.
 The min. radius refers to a pivot at the top of the cap (S_0).
 Tapped holes not in use must be closed with blind plugs.

