



Bernstein

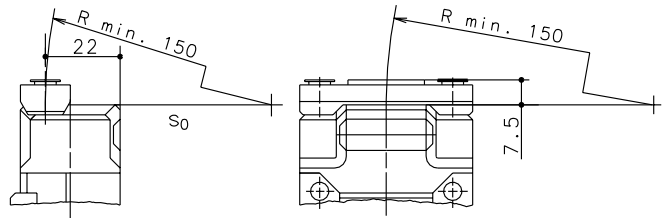
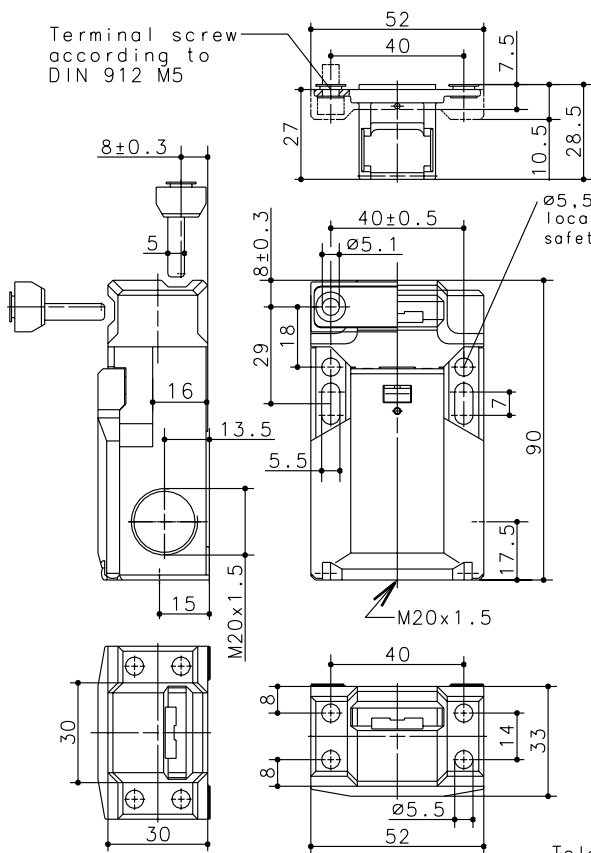
Bernstein AG
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D-32437 Porta Westfalica

Technical data sheet

SK-U1Z P

611.6119.133

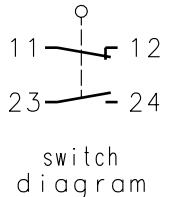
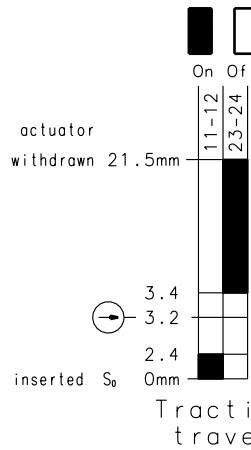
Terminal screw according to DIN 912 M5



PLSLSK11



Positive opening operation according to DIN EN 60947-5-1 IEC 60947-5-1



Tolerance of operation ±0.25mm; Tolerance of operation force ±10%

Schutzvermerk nach DIN 34 beachten
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Mechanical features

Enclosure: Thermoplast, glass fibre reinforced (UL94-V0)
 Cover: Thermoplast, glass fibre reinforced (UL94-V0)
 Actuator: separate actuator (glass fibre, PA66)
 Ambient air temperature: -30°C up to +80°C
 Contact type: 1 NC-contact, 1 NO-contact (Zb)
 Mechanical life: 1x10⁶ switch operations
 Switch frequency: 30/min
 Mounting: enclosure 2xM5, actuator 2xM5
 Connection type: 4 screw connections M3.5
 Conductor cross-section: single core 0.5-1.5mm² / litz wire with connector sleeve 0.5-1.5mm²
 Cable entry size: 3 x M20x1.5
 Weight: approx. 0,13 kg
 Mounting position: selectable
 Protection class (IP-Code): IP65 according to EN 60529, DIN VDE 0470 T1
 The rated protection class (IP-Code) is valid only at closed cover and when using an at least equivalent cable gland.

Electrical features

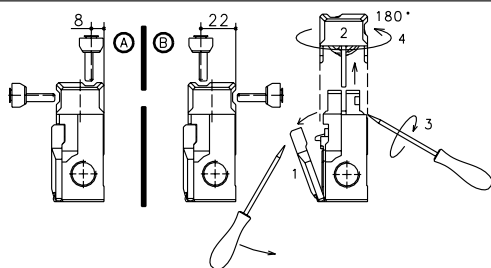
Rated insulation voltage: U_i = 250V AC A300/ 150V DC R150
 Conventional thermal current: I_{th} = 10A AC/ 1A DC
 Utilization categorie: AC-15 / DC-13
 Short circuit protection: Fuse 10A gL/gG, ICE/EN 60947-5-1, appendix K

Approvals

Standards

VDE 0660 T100, EN 60947-1
 VDE 0660 T200, EN 60947-5-1 →
 IEC 60947-5-1
 GS-ET 15

Approach possibilities



Specials / Remarks

- Turning the cap (pos A/B) allow 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.
- Radial actuation may reduce the mechanical life.
- The min. radius refers to a pivot at the top of the cap.
- Unused actuator entry slot must be covered by the plug.
- Do not use the switch as end stop.