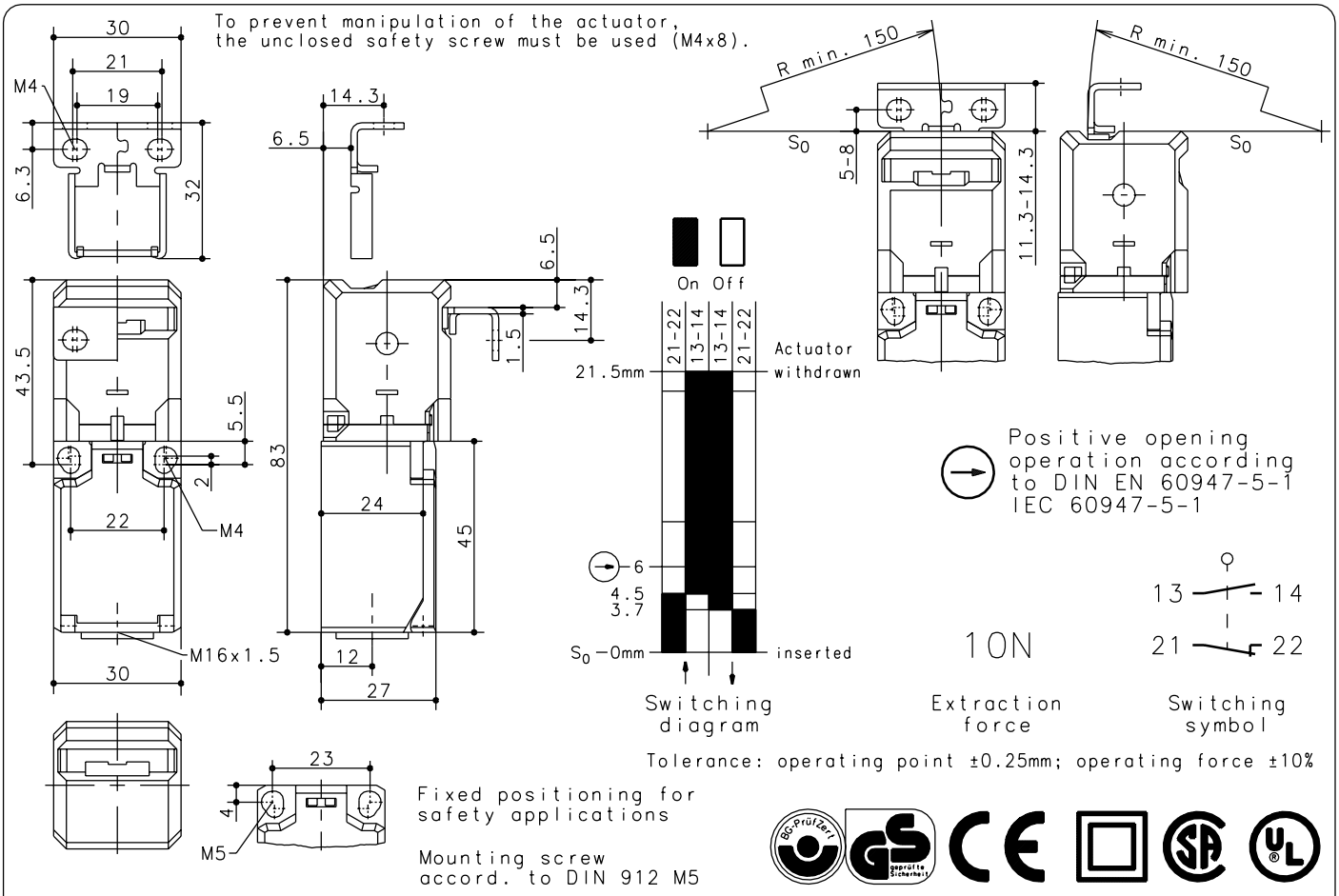
Bernstein
Bernstein AG
Postfach 1164
D-32437 Porta Westfalica

Technical data sheet

SKT-SU1Z M3 | 601.6409.060



Mechanical features

Enclosure: Thermoplast, glas fibre reinforced (UL94-V0)
Cover: Thermoplast, glas fibre reinforced (UL94-V0)
Actuator: separate actuator (metal)

Ambient air temperature: -30°C up to +80°C
Contact type: 1 NO-contact, 1 NC-contact (Zb)

Mechanical life: $1x10^6$ switch operations
Switch frequency: max. 30/min
Mounting: enclosure 2xM4; actuator 2xM4
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: 1 x M16x1.5
Weight: approx. 0,09 kg
Mounting position: selectable
Protection class (IP-Code): IP65 according to EN 60529, DIN VDE 0470 T1
The planned 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
Conventional thermal current: I_{the}= 10A AC
Utilization category: AC 15 A300 U_e/I_e 240V/3A
Short-circuit protection: Fuse 6A gL/gG IEC/EN 60947-5-1, appendix K

CSA: 10A 300V AC A300 (same polarity)

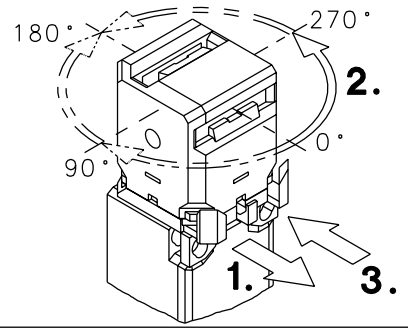
Approvals

CSA
UL
BG

Standards

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

Approach possibilities



Specials / Remarks

- To achieve the 8 different actuator entry points please follow next instuctions
  (1) pull fixing clamp
  (2) turn actuator
  (3) push fixing clamp
- Radial actuation may reduce the mechanical life.
- The min. radius refers to a pivot at the top of the cap (So).
- Unused actuator entry slot must be covered by the plug.
- Do not use the switch as end stop.

Schutzvermerk nach DIN 34 beachten
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