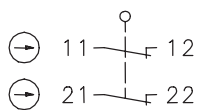


Plastic bodied limit switch

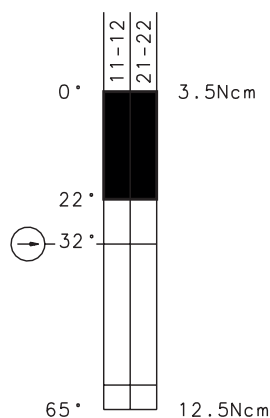
Series TI2

Description TI2-A2Z AH	Article number 6188835065
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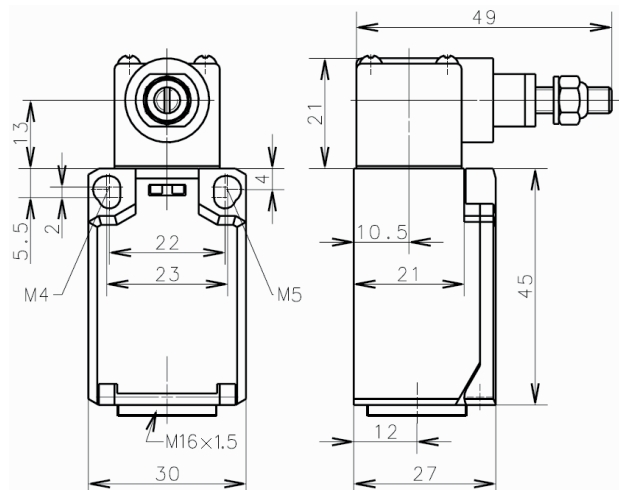
Operating symbol



Operating diagram



  Tolerance:
 Operating point $\pm 3,5^\circ$;
 Actuating force $\pm 10\%$



Electrical Data

Rated insulation voltage	U_i	250 V AC
Conv. thermal current	I_{the}	10 A AC / 2,5 A DC
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V / 3 A; DC-13, U_e/I_e 250 V / 0,27 A, 125 V / 0,55 A
Direct opening action	\rightarrow	acc. 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 (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Turret head
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 NC (Zb)
Mechanical life	3 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4 or 2 x M5 fixed position for safety applications
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x M16 x 1,5
Weight	≈ 0,07 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation
<p>The actuating device is preferably started from 2 sides.</p> <p>By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 actuation directions are possible.</p> <p>The actuation assembly is to be again fastened to the housing using the 4 screws.</p>

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

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals
cUL _{US} A300, Q300
cCSA _{US} A300, Q300 (same polarity)

Notes
<p>The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.</p> <p>To achieve safe positive opening the user must observe suitable alignment and mechanical driving fit for all adjustable parts.</p> <p>A sufficient contact angle to reach the marked positive opening (⊕) must be ensured.</p>