

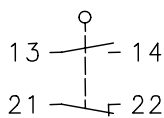
Plastic bodied limit switch

Series TI2

Description **TI2-SU1 AFL**

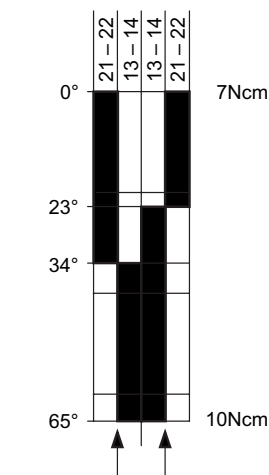
Article number **6188189023**

Operating symbol

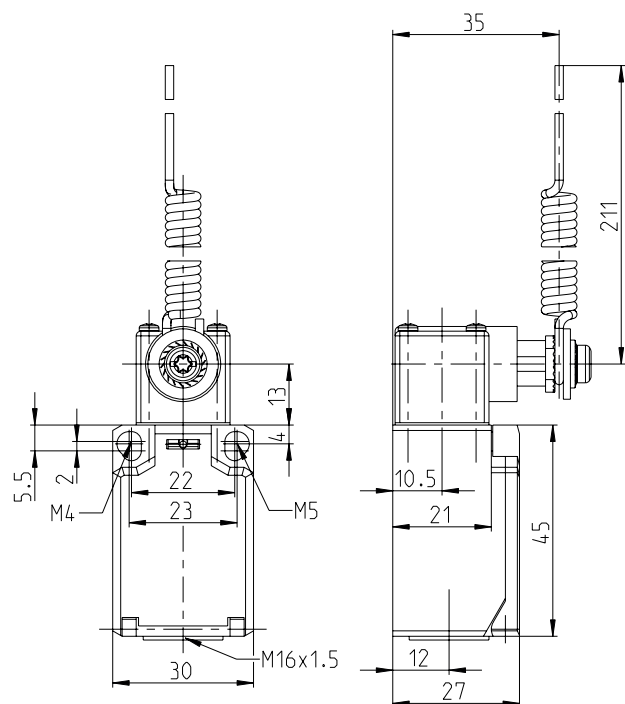
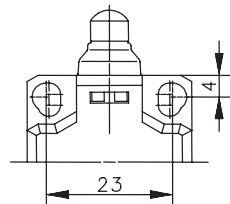


Fixed positioning with
e.g. fixing screw M5
according to the standard
DIN EN ISO 4762.

Operating diagram



  Tolerance:
On Off 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
Rated operational voltage	U_e	240 V AC
Utilization category	AC-15, U_e/I_e 240 V / 3 A	
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, spring lever
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	3 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4 or 2 x M5 fixed position
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	≈ 0,077 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation
The actuating device is preferably started from 2 sides. By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.

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

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

Notes
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.