

Technical Data

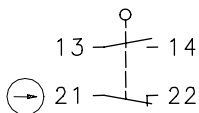
Plastic bodied limit switch

Series TI2

Description **TI2-SU1Z Hw RO13,5**

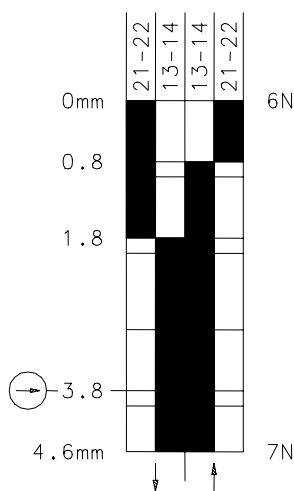
Article number **6088171016**



Operating symbol

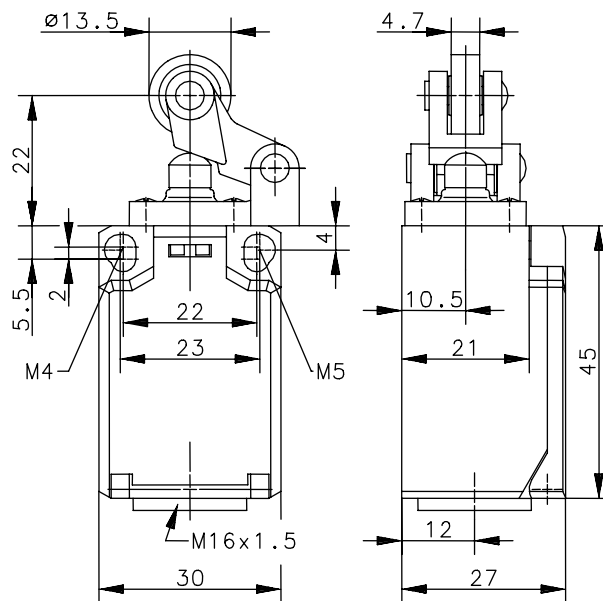
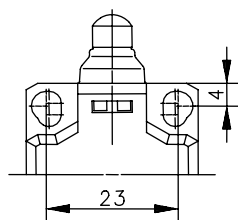


Fixed positioning for safety applications
Mounting screw according to DIN 912 M5


Operating diagram



  Tolerance:
 On Off Operating point $\pm 0,25^\circ$;
 Actuating force $\pm 10\%$



Electrical data

Rated insulation voltage	U_i	250V AC
Conv. thermal current	I_{the}	10A AC; 2,5A DC
Rated operational voltage	U_e	240V AC; 250V DC
Utilization category		AC-15, U_e/I_e 240V/3A; DC-13, U_e/I_e 250V/0,27A
Direct opening action		acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 6A gL/gG
Protection class		II, totally insulated

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Mechanical data

Enclosure	PBT
Cover	PA6.6
Actuator	Lever with roller (thermoplastic)
Ambient air temperature	-30°C ... +80°C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	3 x 10 ⁶ switching 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 ... 1.5mm ² Litz wire with ferrules: 0.5 ... 1.5mm ²
Cable entrance	1 x M16x1,5
Weight	≈ 0,05kg
Installation position	Operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation

The actuating device is preferably started from 1 side.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 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
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EU Conformity	CE
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Approvals	cCSA _{US} A300, Q300 (same polarity)
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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.