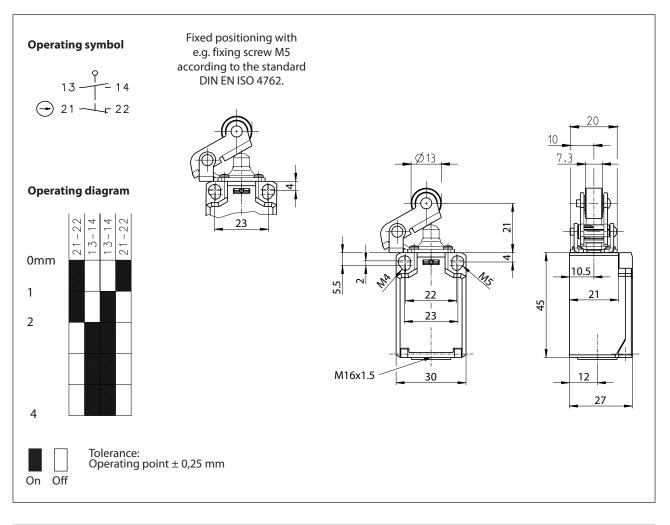


Plastic bodied limit switch

Series TI2

DescriptionTi2-SU1Z Hw 180Gr Ro13

Article number 6188171052



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

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Technical Data



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Lever (steel) with Roller (thermoplastic)
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 for safety applications
Connection	4 screw connections (M3,5)
Conductor cross-sections	0,5 – 1,5 mm ² (solid or stranded wire with ferrules)
Cable entrance	1 x M16 x 1,5
Weight	≈ 0,05 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

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.

ID for safety engineering		
B10d	6 x 10 ⁶ cycles	
Standards		

DIN EN 60947-5-1 DIN EN ISO 13849-1

EU Conformity

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

Approvals

_c UL _{us}	A300, Q300
_c CSA _{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.