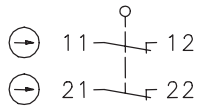
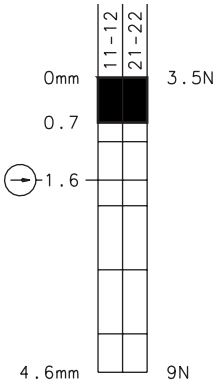
Plastic bodied limit switch
Series TI2

Description **TI2-A2Z HW 180GR RO13,5** Article number **6088821057**

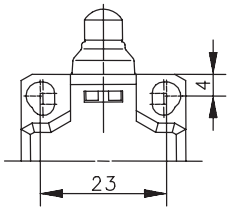
Operating symbol

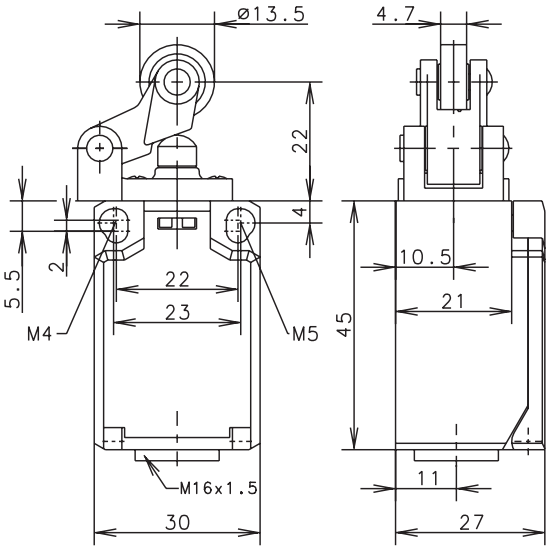


Operating diagram



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





On Off

Tolerance:
Operating point ± 0,25 mm;
Actuating force ± 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 AC; 250 V DC
Utilization category		AC-15, U_e/I_e 240 V / 3 A; 120 V / 6 A DC-13, U_e/I_e 250 V / 0,27 A; 125 V / 0,55 A
Direct opening action	⊖	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	Roller (thermoplastic)
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
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 2 sides. 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

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

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.