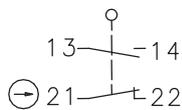


Plastic bodied limit switch Series I88

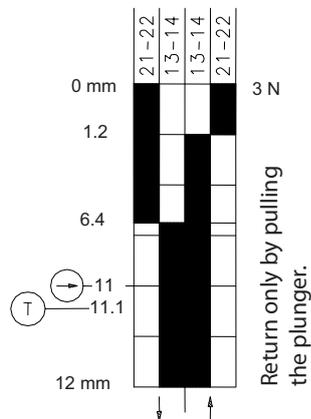
Description **I88-SU1Z DGKw 270GR**

Article number **6186177819**

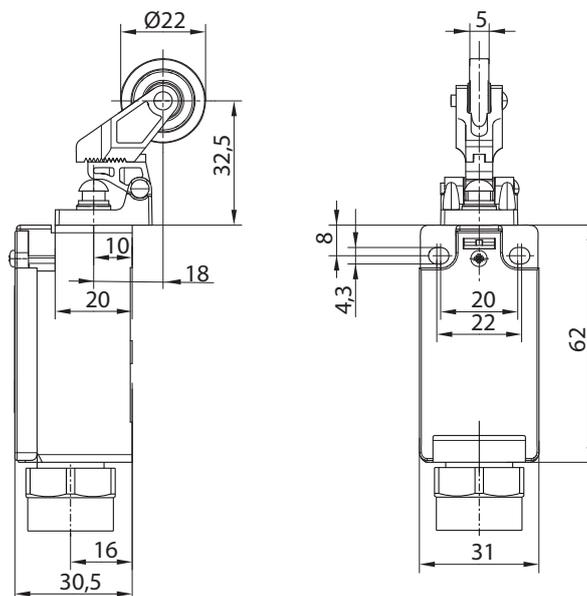
Operating symbol



Operating diagram



On
 Off
 Tolerance:
 Operating Point $\pm 0,25$ mm;
 Operating force ± 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
Utilization category		AC-15, U_e/I_e 240 V / 3 A
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Gap between NC-contacts	Ⓢ	DIN EN 81
Short-circuit protective device		Fuse 2 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	Lever with roller (thermoplastic)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 60 / min.
Assembly	2 x M4
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	Reducing ring from 1/2"-14NPT to M16x1,5
Weight	≈ 0,08 kg
Installation position	operator definable
Protection type	IP67 acc. to IEC/EN 60529

Actuation
<p>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.</p>

Standards
DIN EN 60947-1, IEC 60947-1
DIN EN 60947-5-1, IEC 60947-5-1

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

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

Notes
<p>The specified protection classification (IP code) applies only when the cover is closed, the use of an equivalent cable gland with adequate cable and the cover screw is mounted.</p> <p>ID-No.: 59374572</p>