

Technical Data

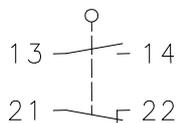
Plastic bodied limit switch

Series I

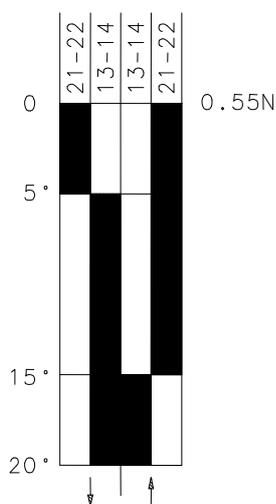
Description **I-SU1 FF**

Article number **6083190105**

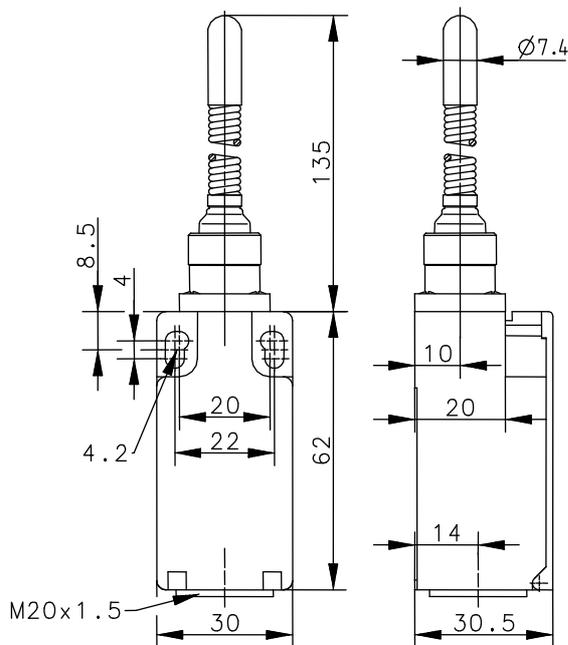
Operating symbol



Operating diagram



 On
  Off
 Tolerance:
 Operating point $\pm 2,5^\circ$;
 Operating torque $\pm 10\%$



Electrical data

Rated insulation voltage	U_i	250 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V/3 A
Short-circuit protective device		Fuse 2 A gL/gG
Protection class		II, totally insulated

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Technical Data

Plastic bodied limit switch

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced
Cover	Thermoplastic, glass fibre reinforced
Actuator	Wobble stick with plastic slide
Ambient air temperature	-30°C ... +80°C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	≤ 100/min
Assembly	2 x M4
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 M20x1,5
Weight	≈ 0,09kg
Installation position	Operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation

The actuator can be approached from all directions with exception of the axial direction.

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

CE

Approvals

cCSA_{US} A300 (same polarity)

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.