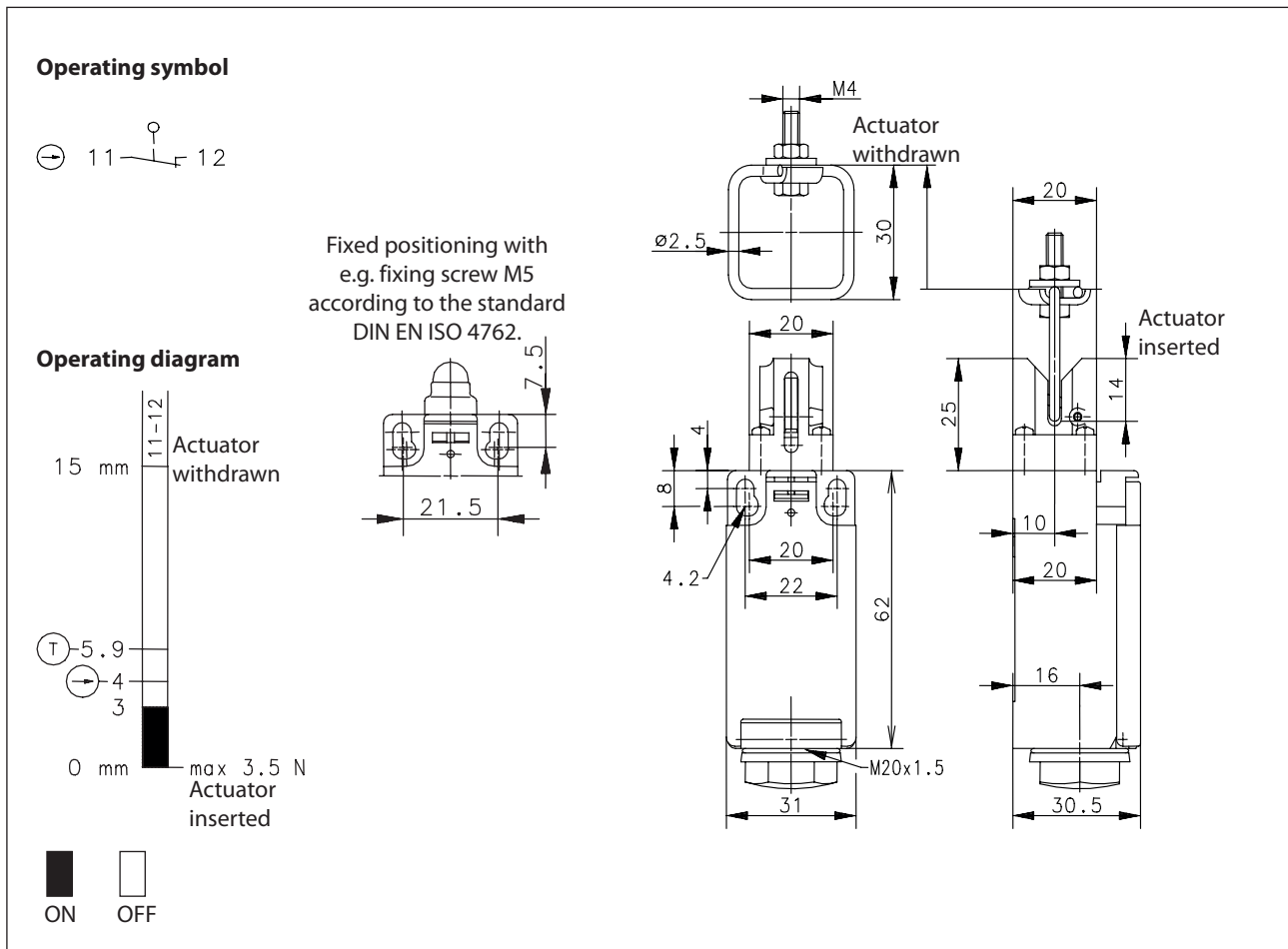


Plastic bodied limit switch Series I88

Description **I88-A1Z KS**

Article number **6116869135**



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 DC-13, U_e/I_e 250 V / 0,3 A; 125 V / 0,55 A
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Gap between NC-contacts	\textcircled{T}	DIN EN 81
Short-circuit protective device		Fuse 10 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	PA6 Taramid B280G7X0
Cover	Soft material:TPE Multiflex G40 A21 BTZ 2811 N 0081 Hard material: PA6.6 Ultramid A3X2G5
Actuator	Separate actuator (steel)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C. (Y) with direct opening action
Mechanical life	1 x 10 ⁶ operating cycles
Switching frequency	≤ 30 / min.
Assembly	2 x M4
Connection	2 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	1 x self-sealing grommet M20 x 1,5 (closed), clamping range 8-13,5 mm
Weight	≈ 0,07 kg
Installation position	operator definable
Protection type	IP54 acc. to IEC/EN 60529

ID for safety engineering	
B10d	2 x 10 ⁶ cycles

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN 81-1; DIN EN 81-2; DIN EN 81-20; DIN EN 81-50
	DIN EN ISO 13849-1

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

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

Notes	
The specified protection classification (IP code) applies only when the cover and the appropriate cable is used, in accordance with the clamping range of the above mentioned cable gland.	