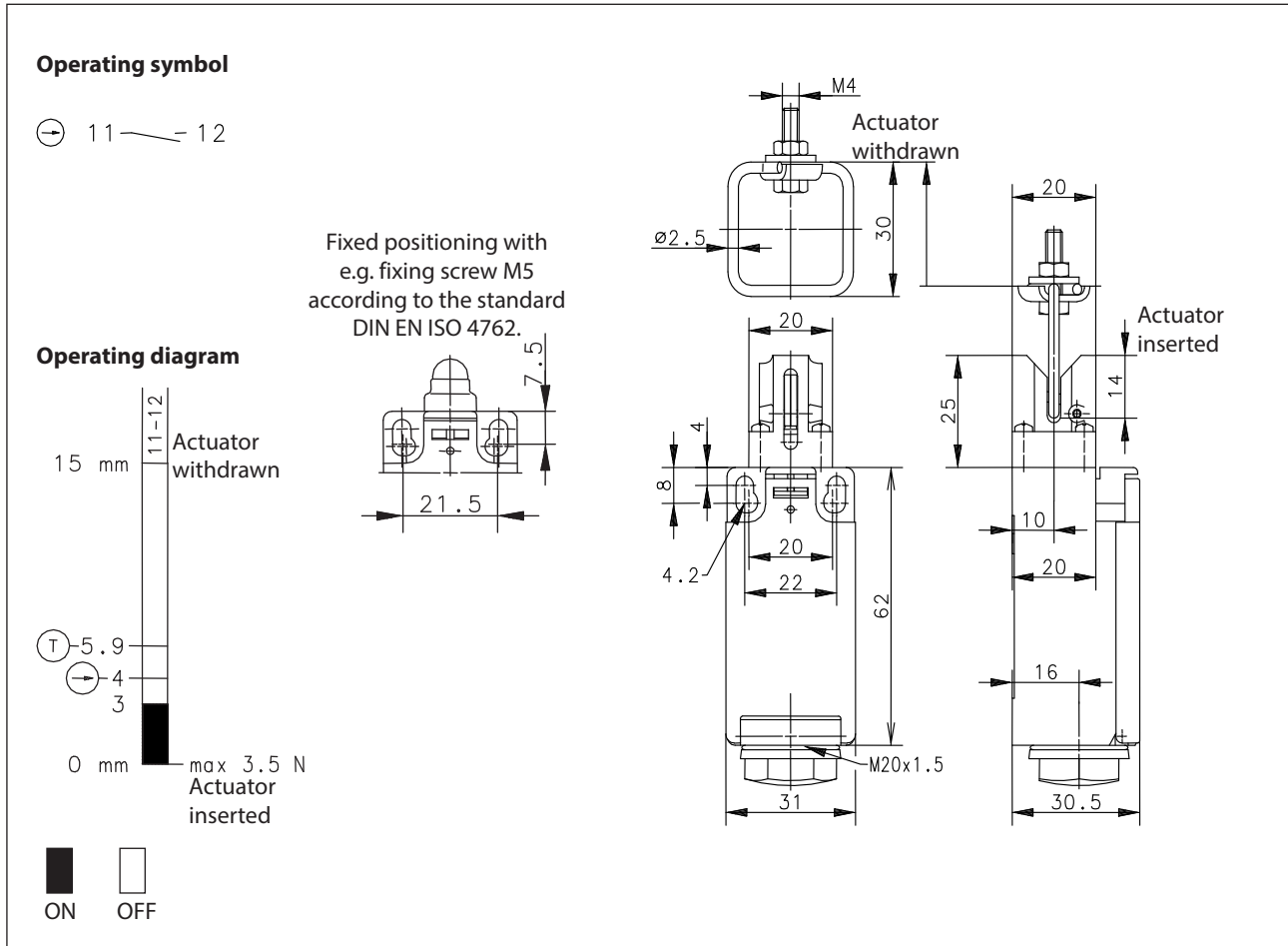


# Plastic bodied limit switch Series I88

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	⊖	acc. to IEC/EN 60947-5-1, annex K
Gap between NC-contacts	Ⓢ	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 NO (X) with positive opening operation
Mechanical life	1 x 10 <sup>6</sup> 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 <sup>2</sup> or Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entrance	1 x self-sealing grommet M20 x 1,5 (closed)
Weight	≈ 0,07 kg
Installation position	operator definable
Protection type	IP54 acc. to IEC/EN 60529

ID for safety engineering	
B10d	2 x 10 <sup>6</sup> 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

Approvals	
	cCSA <sub>US</sub> A300 (same polarity)
	CCC

Notes	
The specified protection classification (IP code) applies only when the cover.	