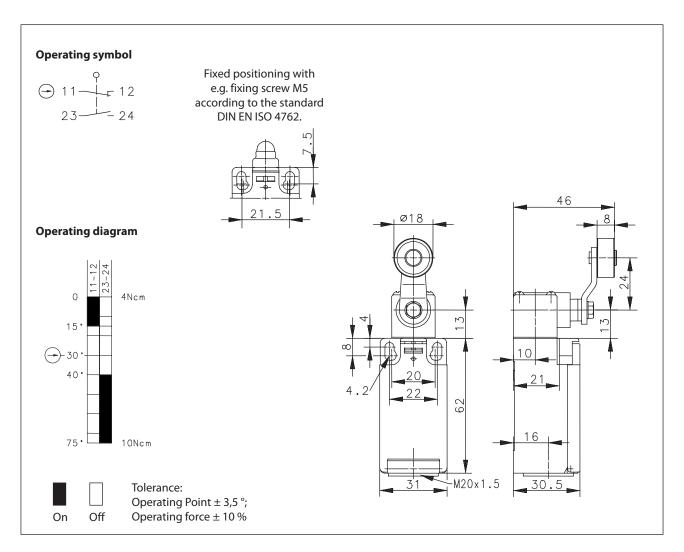


## **Plastic bodied limit switch**

Series 188

Description **I88-U1Z AH** Article number **6186135114** 



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	250 V AC
Conv. thermal current	l <sub>the</sub>	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, U ,/I , 240 V / 3 A
Direct opening action	$\odot$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		II (totally insulated)

## **Technical Data**



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Turret head (Zn-die cast), roller (thermoplastic)
Ambient air temperature	-30 °C +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 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 M20 x 1,5
Weight	≈ 0,1 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

## Actuation

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	20 x 10 <sup>6</sup> cycles	

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1

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

Approvals	
<sub>c</sub> CSA <sub>us</sub> A300 (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.