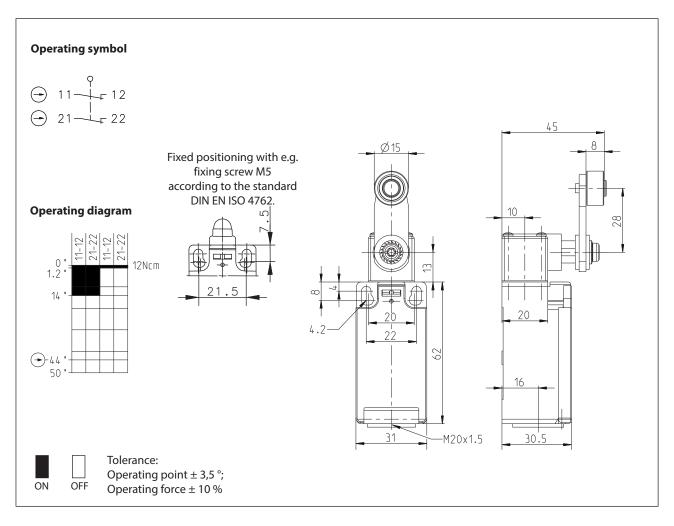


## **Plastic bodied limit switch**

Series 188

Description I88-SA2Z AHS

Article number 6186885809



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	250 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, U <sub>e</sub> /I <sub>e</sub> 240 V / 3 A
Direct opening action	$\odot$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 6 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, roller (thermoplastic)		
Ambient air temperature	-30 °C +80 °C		
Contact type	2 NC (Zb)		
Mechanical life	3 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		

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

## Actuation

The actuating device is preferably started from 2 sides.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible.

The actuation assembly is to be again fastened to the housing using the 4 screws.

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 ISO 13849-1	

EU Conformity	
acc. to directive 2004/35/EU	

## 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.