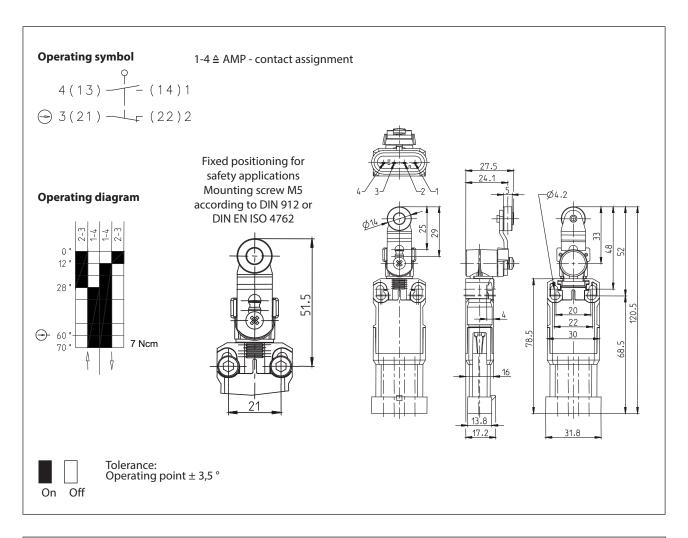


## **Plastic bodied limit switch**

Series IF

Description IF-SU1Z AH AMP4

Article number 6089185023



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	PA6 (glass fibre reinforced)
Cover	PA6 (glass fibre reinforced)
Actuator	Lever arm housing (Zn-DG), Lever (st), Roller (thermoplastic)
Ambient air temperature	-25 °C +70 °C (cable in fixed position)
Contact type	Snap action, 1 NO, 1 NC (Zb)
Mechanical life	3 x 10 <sup>6</sup> switching cycles
Switching frequency	≤ 30 / min.
Assembly	2 x M4 or 2 x M5
Connection	plug socket (AMP SUPERSEAL 1,5 Series)
Weight	≈ 0,08 kg
Installation position	operator definable
Protection type	IP67 acc. to IEC/EN 60529; DIN VDE 0470 T1

## Actuation

Operating direction: from 2 sides

The actuating head can be turned in steps of 90° by lifting the clamp. This means that it can be approached from 8 different directions.

ID for safety engineering		
B10d	6 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 ISO 13849-1

EU Conformity		
	acc. to directive 2006/42/EC	

Approvals	
<sub>C</sub> CSA <sub>US</sub>	A300, Q300

## Notes

The indicated protection class (IP-code) is only valid when the actuator is correctly mounted and a corresponding plug is used.