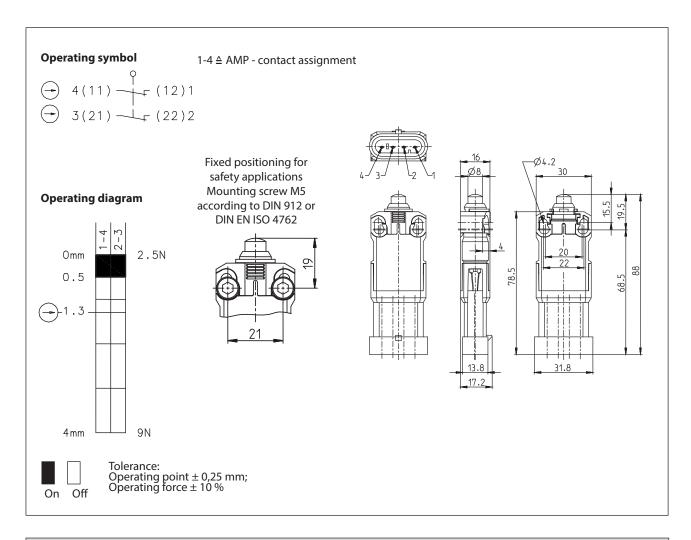


# **Plastic bodied limit switch**

Series IF

### Description IF-A2Z IW AMP4

Article number 6089802026



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	250 V AC
Conv. thermal current	$I_{\mathrm{the}}$	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	$\ominus$	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	Plunger (steel)	
Ambient air temperature	-25 °C +70 °C (cable in fixed position)	
Contact type	Slow action, 2 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	≈ 0,05 kg	
Installation position	operator definable	
Protection type	IP67 acc. to IEC/EN 60529; DIN VDE 0470 T1	

### Actuation

The push bolt actuator is mainly intended to be actuated along its axis. Side actuation will considerably reduce switch life.

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

andards	
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.