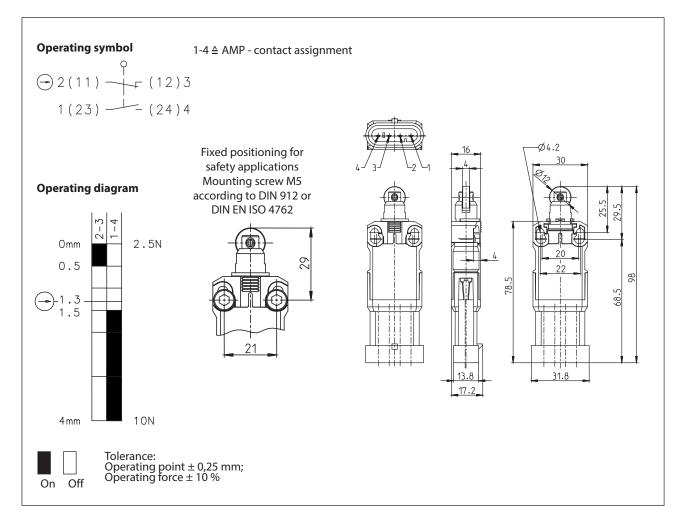


# **Plastic bodied limit switch**

Series IF

Description IF-U1Z RIW AMP4

Article number 6089117017



Electrical Data		
Rated insulation voltage	Ui	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	$\ominus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 6 A gG
Protection class		II, totally insulated

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## **Technical Data**



Mechanical data	
Enclosure	PA6 (glass fibre reinforced)
Cover	PA6 (glass fibre reinforced)
Actuator	Roller (steel)
Ambient air temperature	-25 °C +70 °C (cable in fixed position)
Contact type	Slow 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	≈ 0,05 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 4 different directions.

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

#### Standards

VDF 0660 T200, DIN FN 60947-5-1, IFC 60947-5-1	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	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.

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