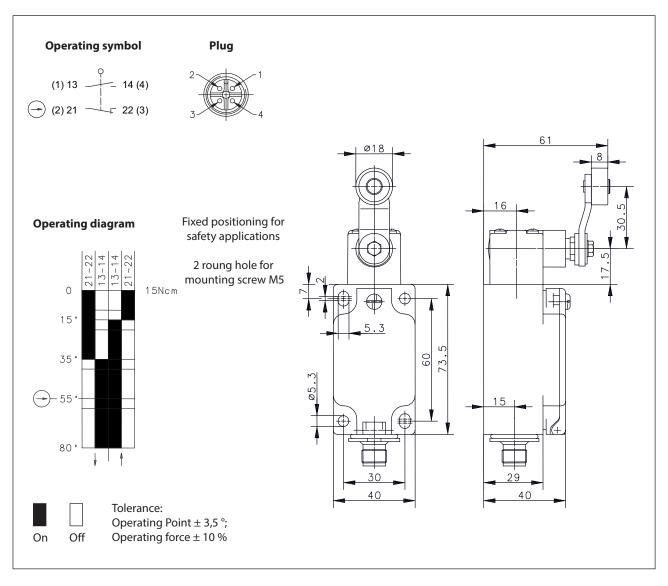


Plastic bodied limit switch

Series ENK

Description ENK-SU1Z AHS-V M12

Article number 6181185296



Electrical Data		
Rated insulation voltage	U _i	250 V AC
Conv. thermal current	I_{the}	2,5 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U _e /I _e 240 V / 0,75 A
Direct opening action	\odot	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		II, totally insulated

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Mechanical data		
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)	
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)	
Actuator	Lever arm housing (Zn-die cast), lever (st), roller (thermoplastic)	
Ambient air temperature	-30 °C +80 °C	
Contact type	1 N.C., 1 N.O. (Zb)	
Mechanical life	10 x 10 ⁶ operating cycles	
Switching frequency	≤ 100 / min.	
Assembly	4 x M5	
Connection	Plug M12 x 1, A-Code	
Weight	≈ 0,22 kg	
Installation position	operator definable	
Protection type	IP65 acc. to EN 60529	

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.

ID for safety engineering	
B10d	20 x 10 ⁶ switching 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 2006/95/EC	

Approvals	
_c CSA _{us} A300 (same polarity)	

Notes

Cover locked with one-way screw.

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable.

For use with the described ambient temperature, the plug and cable (fixed or flexible installation) must be suitable for at least the same temperature range.

The plug must not be connected and disconnected under voltage.

The mechanical life of the cable box are 500 cycle of operation.

To comply with the approvals need to use proper plugs and cables.