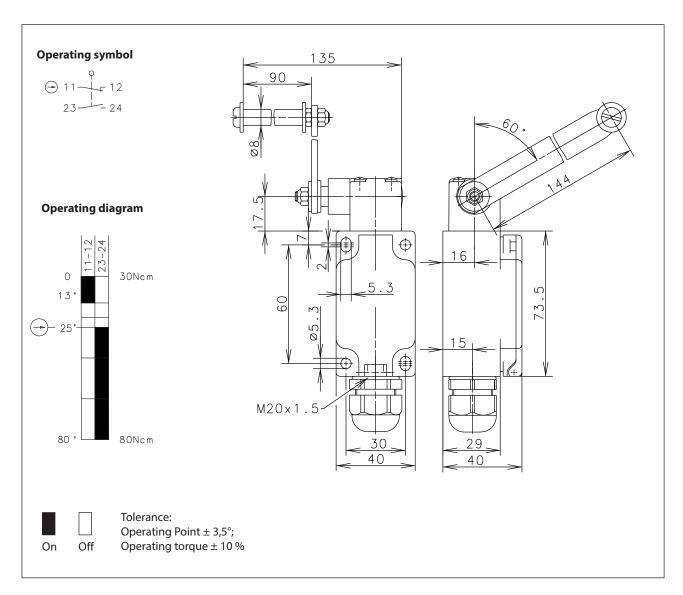


Plastic bodied limit switch

Series ENK

Description ENK-U1Z AHS 90GR VS

Article number 6181135278



Electrical Data		
Rated insulation voltage	U _i	400 V AC
Conv. thermal current	l _{the}	10 A
Rated operational voltage	U _e	240 V
Utilization category		AC-15, U , /I , 240 V / 3 A
Positive opening operation	Θ	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		II, totally insulated

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Technical Data



Mechanical data		
Enclosure	Thermoplastic, glass fibre reinforced	
Cover	Thermoplastic, glass fibre reinforced	
Actuator	Turret head (Zn die-casting), lever (steel), roller (thermoplastic)	
Ambient air temperature	-30 °C +80 °C	
Contact type	1 NC, 1NO (Zb)	
Mechanical life	10 x 10 ⁶ operating cycles	
Switching frequency	≤ 100 / min.	
Assembly	4 x M5	
Connection	4 screw connections (M3,5)	
Conductor cross-sections	Solid: 0,5 1,5 mm ² or Litz wire with ferrules: 0,5 1,5 mm ²	
Cable entrance	1 x cable gland M20 x 1,5 (clamping range 5-10 mm)	
Weight	≈ 0,25 kg	
Installation position	operator definable	
Protection type	IP65 acc. to EN 60529	

ID for safety engineering		
B10d	20 x 10 ⁶ 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 2014/35/EU (Low-Voltage-Directive)	

Approvals	
	_c CSA _{US} A300 (same polarity)
	UL

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.