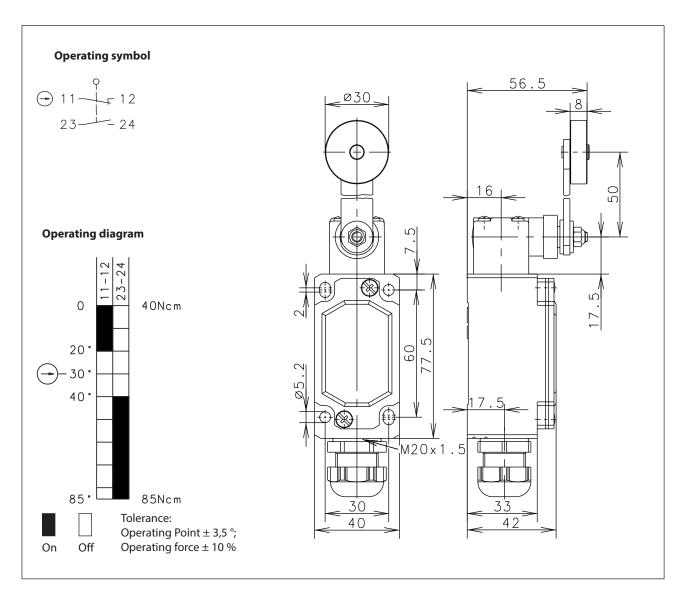


# **Metal bodied limit switch**

Series ENM2

### Description ENM2-U1Z AHSG V8 VS

Article number 6187135026



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	400 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
Positive opening operation	$\odot$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

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## **Technical Data**



Mechanical data		
Enclosure	Die-cast aluminium	
Cover	Sheet aluminium	
Actuator	Turret head (Zn-die cast), lever (st), roller (thermoplastic)	
Ambient air temperature	-30 °C +80 °C	
Contact type	1 NC, 1NO (Zb)	
Mechanical life	1 x 10 <sup>6</sup> 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 <sup>2</sup> or Litz wire with ferrules: 0,5 1,5 mm <sup>2</sup>	
Cable entrance	1 x cable gland M20 x 1,5 (clamping range 5-10 mm)	
Weight	≈ 0,29 kg	
Installation position	operator definable	
Protection type	IP65 acc. to IEC/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	2 x 10 <sup>6</sup> cycles

Standards	
VDE 0	660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0	660 T200, DIN EN 60947-5-1, IEC 60947-5-1
DIN E	N ISO 13849-1

<b>EU Conformity</b>	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals	
<sub>C</sub> CSA <sub>US</sub>	A300 (same polarity)
CCC	
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.