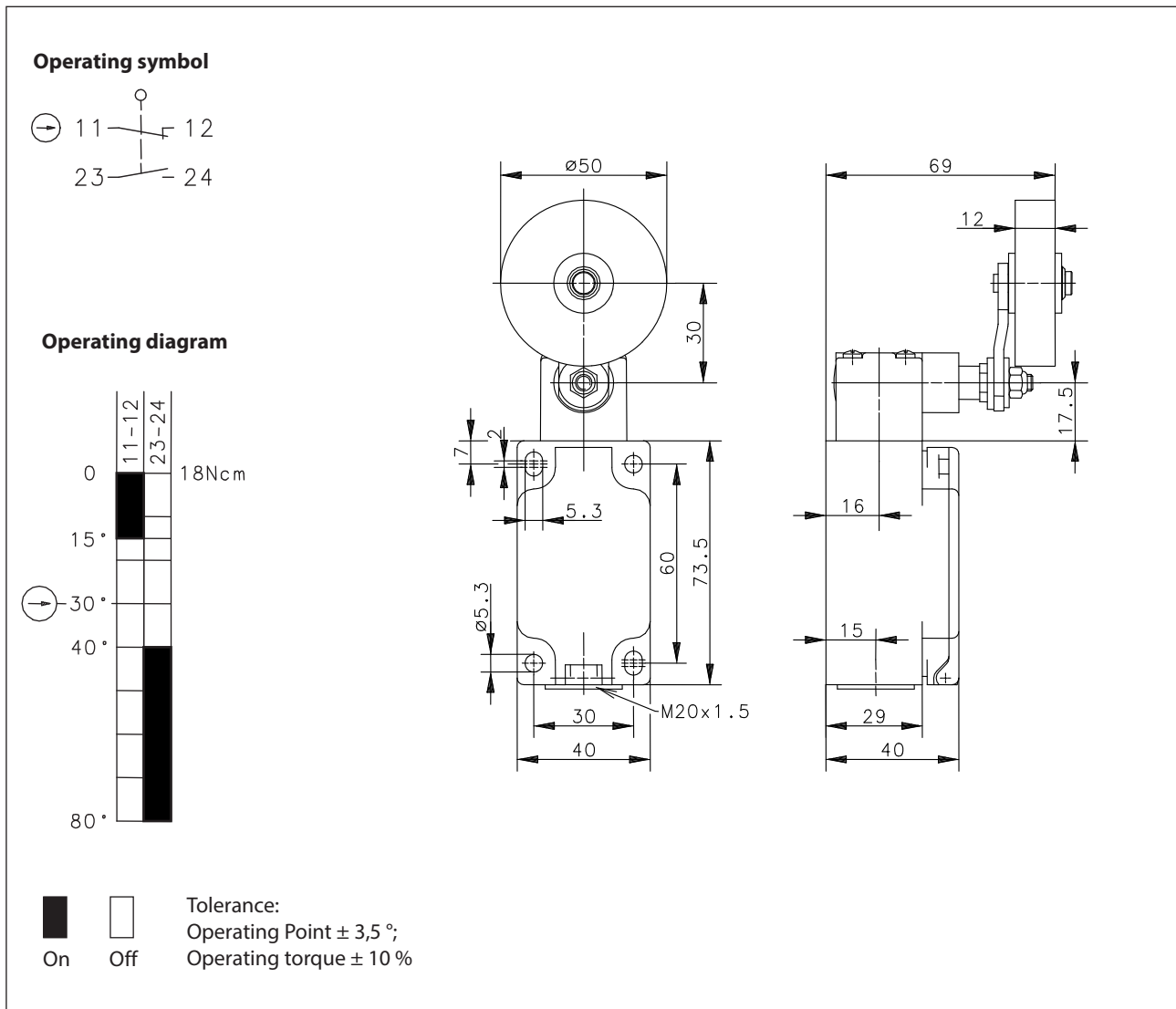


## Plastic bodied limit switch Series ENK

Description **ENK-U1Z AHSGU-V R050**

Article number **6181135121**



### Electrical Data

Rated insulation voltage	$U_i$	400 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, $U_e/I_e$ 240 V / 3 A
Positive opening operation	$\ominus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		II, totally insulated

<b>Mechanical data</b>	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Turret head (Zn-die cast), lever (st), roller (rubber)
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	2 x M4
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 M20 x 1,5
Weight	≈ 0,27 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

<b>Actuation</b>
<p>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.</p>

<b>ID for safety engineering</b>		
<table border="1"> <tr> <td>B10d</td> <td>2 x 10<sup>6</sup> cycles</td> </tr> </table>	B10d	2 x 10 <sup>6</sup> cycles
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<b>Standards</b>
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

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

<b>Approvals</b>				
<table border="1"> <tr> <td>cCSA<sub>US</sub></td> <td>A300 (same polarity)</td> </tr> <tr> <td>UL</td> <td></td> </tr> </table>	cCSA <sub>US</sub>	A300 (same polarity)	UL	
cCSA <sub>US</sub>	A300 (same polarity)			
UL				

<b>Notes</b>
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.