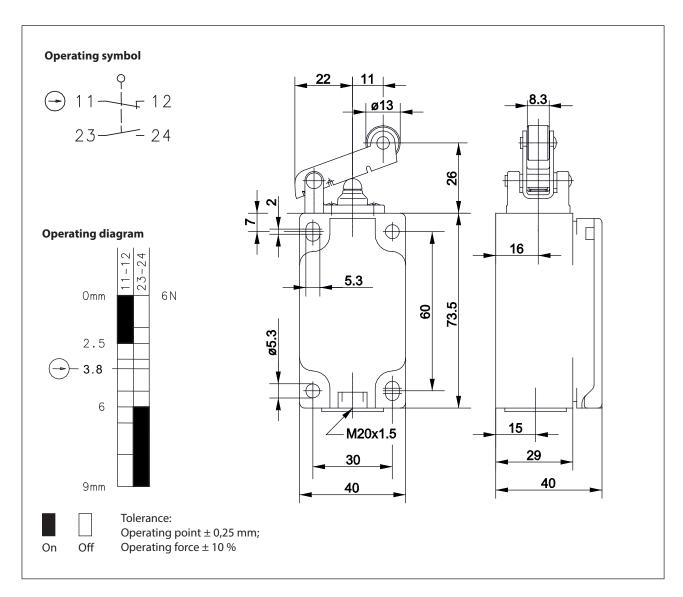


# **Plastic bodied limit switch**

Series ENK

## Description ENK-U1Z HLWT 180GR RO13

Article number 6181124235



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	400 V AC
Conv. thermal current	l <sub>the</sub>	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		II, totally insulated

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## **Technical Data**



Mechanical data			
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)		
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)		
Actuator	Lever (steel) with roller (steel)		
Ambient air temperature	-30 °C +80 °C		
Contact type	1 N.C., 1 N.O. (Zb)		
Mechanical life	10 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> Litz wire with ferrules: 0.5 1.5 mm <sup>2</sup>		
Cable entrance	1 x M20 x 1,5		
Weight	≈ 0,15 kg		
Installation position	operator definable		
Protection type	IP65 acc. to EN 60529		

#### Actuation

The actuating device is preferably started from 1 side.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 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	

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.