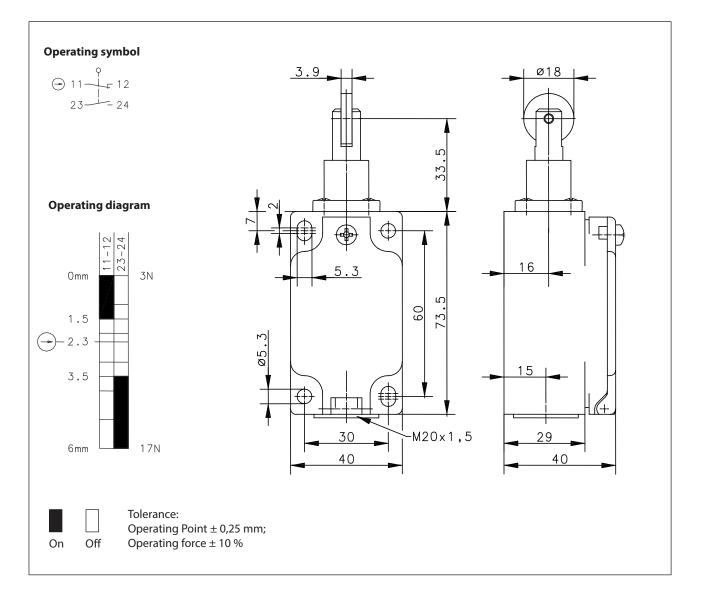


Plastic bodied limit switch

Series ENK

Description ENK-U1Z RIW 90GR

Article number 6181117078



Electrical Data		
Rated insulation voltage	Ui	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
Direct opening action	\ominus	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 modifications and errors excepted.

The technical datasheet corresponds to the technical state as of 2017-03-07 and will not be removed in case of changes.

Technical Data



Mechanical data			
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)		
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)		
Actuator	Roller, stainless steel		
Ambient air temperature	-30 °C +80 °C		
Contact type	1 NC, 1 NO (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 mm² or Litz wire with ferrules: 0,5 1,5 mm²		
Cable entrance	1 x M20 x 1,5		
Weight	≈ 0,16 kg		
Installation position	operator definable		
Protection type	IP65 acc. to IEC/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

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

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.

Cover locked with screw.

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