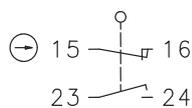


Plastic bodied limit switch Series ENK

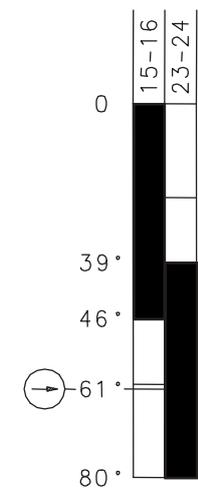
Description **ENK-UV1Z AHSGU-V RO50**

Article number **6181335230**

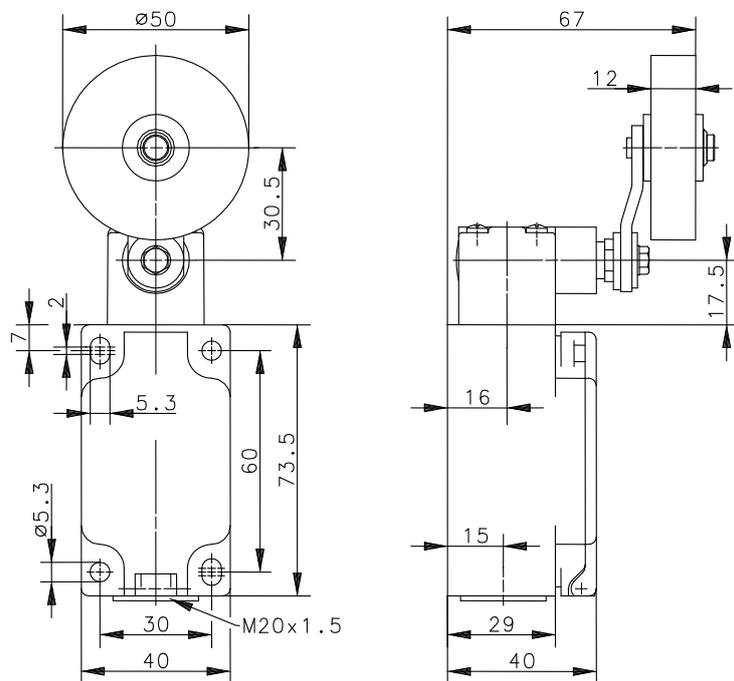
Operating symbol



Operating diagram ¹⁾



On
 Off
 Tolerance:
 Operating Point $\pm 3,5^\circ$;
 Operating force $\pm 10\%$



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	IEC/EN 60947-5-1
Short-circuit protective device		Fuse 10 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Turret head (zinc diecasting), lever (st), roller (rubber)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C., 1 N.O. (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 Litz wire with ferrules: 0.5 ... 1.5 mm ²
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,26 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	
	cCSA _{US} A300 (same polarity)
	UL

Notes

¹⁾The max. Switching angle must not be exceeded.
If the lever device loaded until it stops, it comes to premature failure.
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.