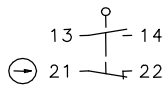


Plastic bodied limit switch Series ENK

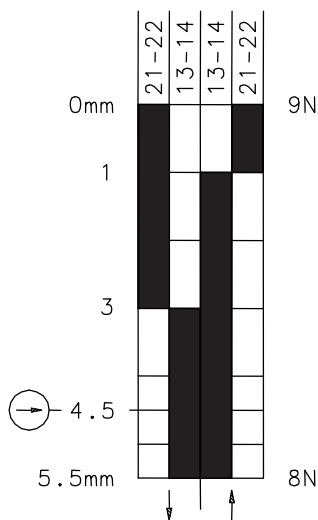
Description **ENK-SU1Z IW**

Article number **6181152110**

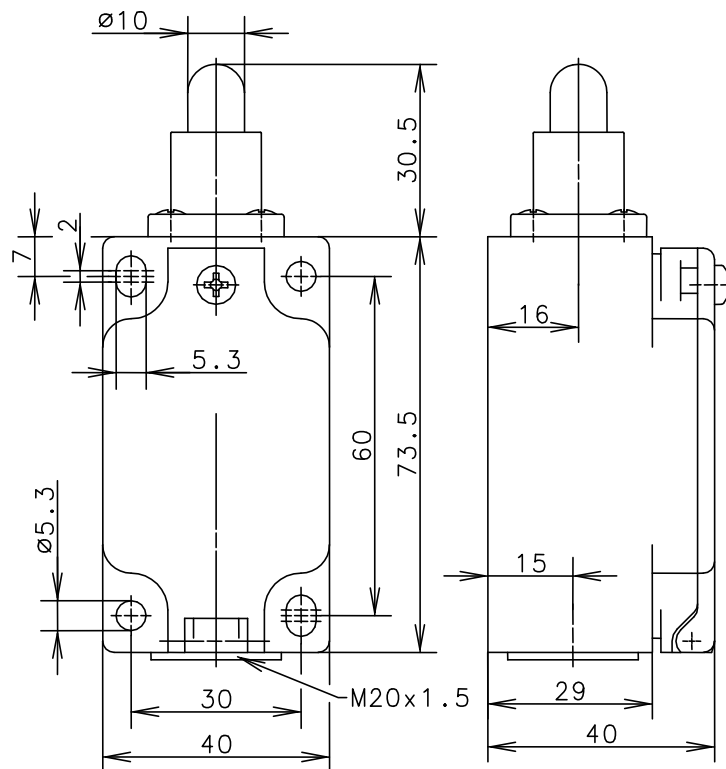
Operating symbol



Operating diagram



On
 Off
 Tolerance:
 Operating Point $\pm 0,25$ mm;
 Operating torque ± 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
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced
Cover	Thermoplastic, glass fibre reinforced
Actuator	Plunger (steel)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1NO (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 or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,15 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

ID for safety engineering	
B10d	20 x 10 ⁶ cycles

Actuation	
The push bolt actuator is mainly intended to be actuated along it's axis. Side actuation will considerably reduce switch life.	

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
	CCC

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 is secured with screws.	