Bernstein
Bernstein AG
Postfach 1164
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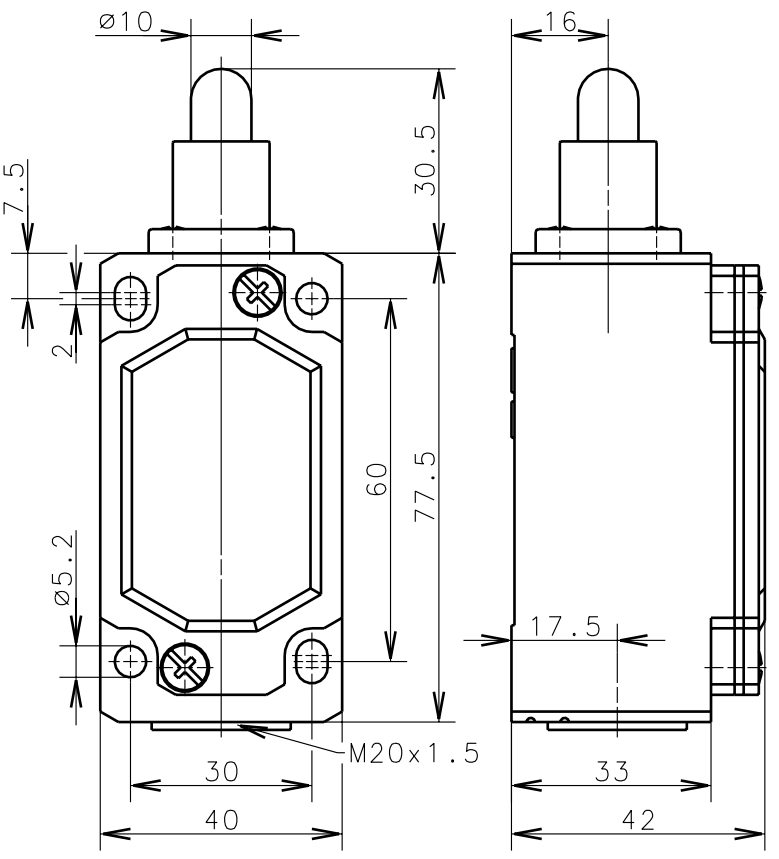
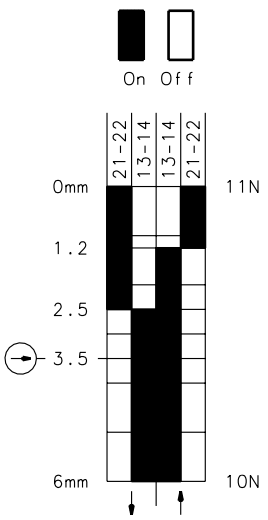
Technical data sheet

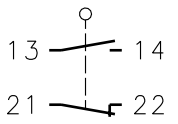
ENM2-SU1Z iw | 608.7352.002



Positive opening operation according to DIN EN 60947-5-1
IEC 60947-5-1



Switching diagram



Switching symbol

Tolerance: operating point ±3.5°
operating torque ±10%

Mechanical features	
Enclosure:	Al-die cast
Cover:	Al-plate
Actuator:	Push bolt
Ambient air temperature:	-30°C up to +80°C
Contact type:	1 NC-contact, 1 NO-contact (Zb)
Mechanical life:	$10x10^6$ switch operations
Switch frequency:	max. 100/min
Mounting:	4 x M5
Connection type:	4 screw connections (M3,5)
Conductor cross-section:	single core 0.5-1.5mm² / litz wire with connector sleeve 0.5-1.5mm²
Cable entry size:	1 x M20x1.5
Weight:	approx. 0,20kg
Electrical features	
Rated insulation voltage:	U_i= 400 V AC
Conventional thermal current:	I_{the}= 10 A
Max. inrush current:	according to IEC 60947-5-1; AC 15, A300
Utilization categorie:	AC 15, A300, U_e/I_e 240V/3A
Standards:	according to EN 60947-1; EN 60947-5-1
Protection class (IP-Code):	IP65 according to EN 60529, DIN VDE 0470 T1
CSA:	10A 300V AC, A300 (same polarity)
Short-circuit protection:	Fuse 2A gL/gG, IEC/EN 60947-5-1, appendix K

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

Remarks
The moving parts should be oiled periodically.
The rated protection class (IP-Code) is valid only at closed cover and when using an at least equivalent cable gland.

Schutzvermerk nach DIN 34 beachten
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