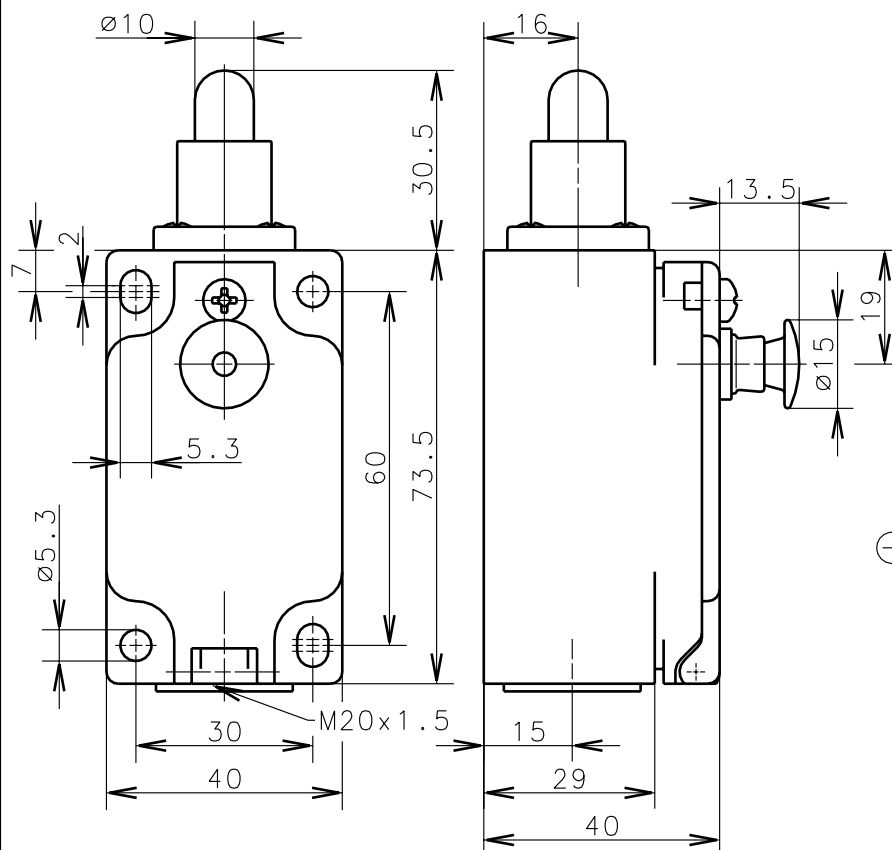
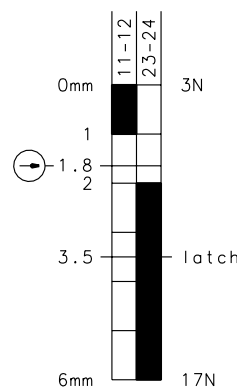
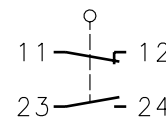


**Bernstein**Bernstein AG
Postfach 1164
D-32437 Porta Westfalica**Technical data sheet****ENK-U1Z iw Rost****618.1102.137**Positive opening
operation according
to DIN EN 60947-5-1
IEC 60947-5-1

On Off

Switching
diagramSwitching
symbolTolerance: operating point $\pm 3.5^\circ$; operating torque $\pm 10\%$ **Mechanical features**

Enclosure:

Thermoplast, glass fibre reinforced

Cover:

Thermoplast, glass fibre reinforced

Actuator:

push bolt (st)

Ambient air temperature: -30°C up to $+80^\circ\text{C}$

Contact type: 1 NC-contact, 1 NO-contact (Zb)

Mechanical life: 1×10^6 switch operations

Switch frequency: max. 60/min

Mounting: 4 x M5

Connection type: 4 screw connections (M3.5)

Conductor cross-section: single core $0.5-1.5\text{mm}^2$ / Litz wire with connector sleeve $0.5-1.5\text{mm}^2$

Cable entry size: 1 x M20x1.5

Weight: approx. 0,15kg

Electrical featuresRated insulation voltage: $U_i = 500\text{ V AC}$ Conventional thermal current: $I_{the} = 10\text{A}$

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 10A gL/gG, IEC/EN 60947-5-1, appendix K

Approach possibilitiesThe 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.

Copies are not retreated in case of alternations.

Schutzvermerk nach DIN 34 beachten
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19.09.2001