



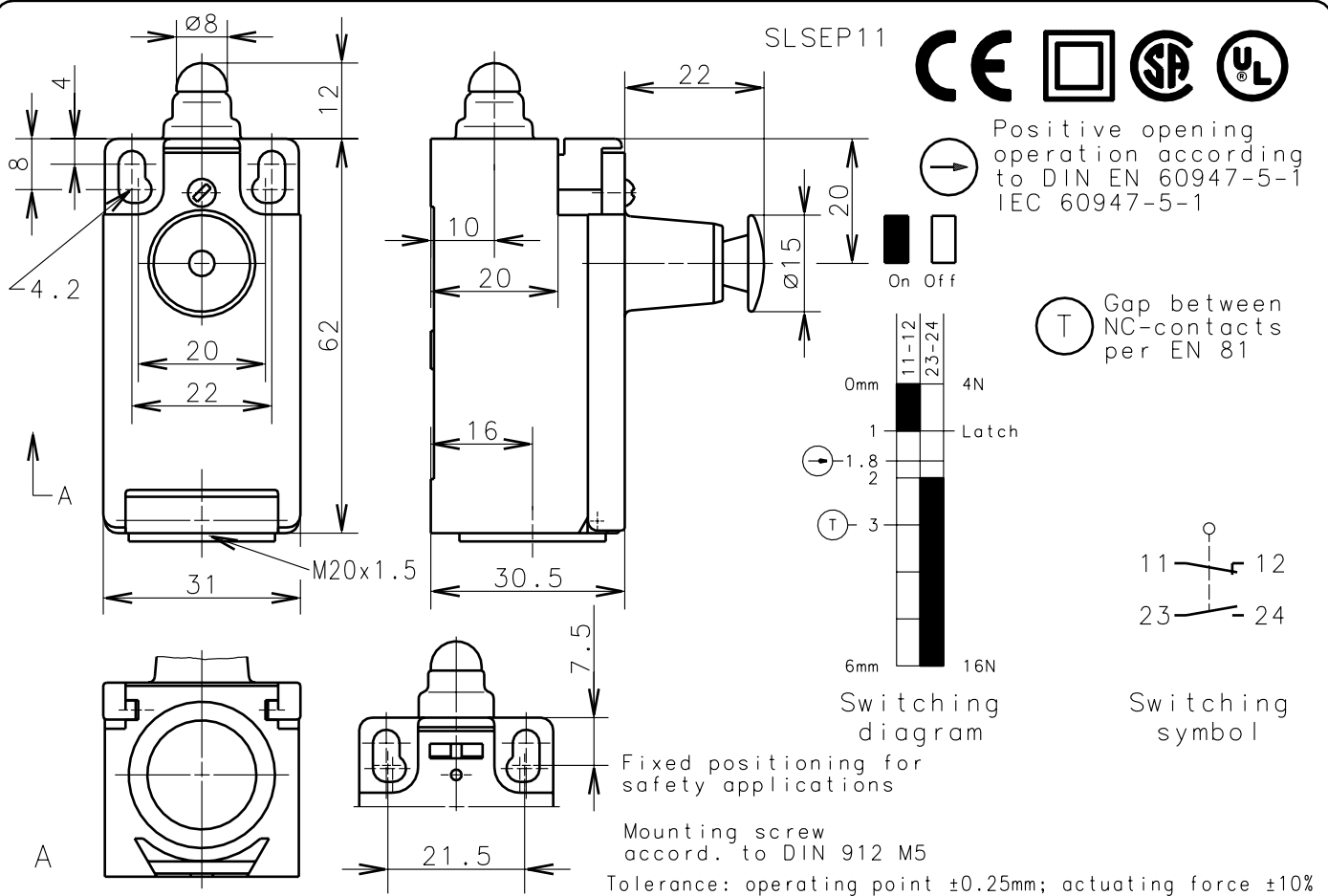
**Bernstein**

Bernstein AG  
Postfach 1164  
D-32437 Porta Westfalica

# Technical data sheet

188-U1Z w Rast.

618.6103.587



Schutzvermerk nach DIN 34 beachten  
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### Mechanical features

Enclosure:	Thermoplast, glass fiber reinforced (UL 94-VO)
Cover:	Thermoplast, glass fiber reinforced (UL 94-VO)
Actuator:	Push bolt (thermoplast)

Ambient air temperature:	-30°C up to +80°C
Contact type:	1 NC-contact, 1 NO-contact (Zb)
Mechanical life:	$1 \times 10^6$ switch operations
Switch frequency:	max. 60/min
Mounting:	2 x M4
Connection type:	4 screw connections (M3.5)
Conductor cross-section:	single core 0.5-1.5mm <sup>2</sup> /litz wire with connector sleeve 0.5-1.5mm <sup>2</sup>
Cable entry size:	1 x M20x1.5
Weight:	approx. 0,06kg

### Electrical features

Rated insulation voltage:	$U_i = 250 \text{ V AC}$
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 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.

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