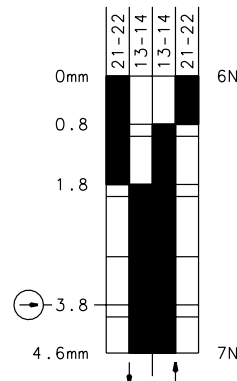
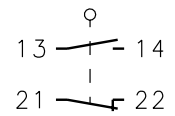


Positive opening operation according to DIN EN 60947-5-1 IEC 947-5-1



Switching diagram



Switching symbol

Tolerance: operating point  $\pm 0.25\text{mm}$ ; actuating force  $\pm 10\%$

**Mechanical features**

Enclosure: PBT, glass fibre reinforced  
Cover: PA6.6, black  
Actuator: Lever with roller (thermoplast)

Ambient air temperature:  $-30^{\circ}\text{C}$  up to  $+80^{\circ}\text{C}$   
Contact type: 1 NC-contact, 1 NO-contact (Zb)

Mechanical life:  $3 \times 10^6$  switch operations  
Switch frequency: max. 100/min  
Mounting: 2xM4 or 2xM5 fixed positioning for safety applications  
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 Pg9  
Weight: approx. 0,05kg

**Electrical features**

Max. voltage: 250 V AC  
Max. enduring current: 1 th 10A  
Max. inrush current: according to IEC 947-5-1  
Utilization categorie: AC 15,A300 240V/3A, 120V/6A / DC 13,Q300 250V/0.27A, 125V/0.55A  
Standards: according to EN 60947-1; EN 60947-5-1  
Protection class (IP-Code): IP65 according to EN 60529; DIN VDE 0470 T1  
CSA/UL: 10A 300V AC, A300  
Short circuit protection: Fuse 6A gL

**Approach possibilities**

By loosening 4 screws it is possible to turn the actuator through 90° so that 4 approach possibilities can be achieved.

**Remarks**

The moving parts should be oiled periodically.  
The planned 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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