

Actuator

51-
452.036F

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Your product:



51-452.036F Actuator

MOUNTING

Design: flush

OPERATING-/INDICATION PART

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current: 100 mA at 42 VAC/VDC

Contacts: 2 NC

Electric strength: 2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15

MECHANICAL CHARACTERISTIC

Switching system: Low-level element

Tightening torque: Fixing nut max. 0.5 Nm

Operating force: 4 N ... 6 N

Switching system: This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from a few $\mu\text{A}/\mu\text{V}$ up to 100 mA/ 42 VAC/DC. Single-break momentary contact, as normally open or normally closed with 4 independent points of contact. 2 momentary contacts per switching element; combination of normally open and normally closed is possible. Special features are the long life, extremely short rebound time and stable contact resistance.

Mechanical lifetime: 5 Mio. cycles of operation

Switching action: Momentary

Terminal: Universal terminal, 2 x 0.5 mm

Weight:

0.016 kg

Operating Travel: 3 mm

Contact material: Gold

AMBIENT CONDITION

Storage temperature: – 40 °C ... + 85 °C

Operating temperature: – 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely

IP front protection: IP65, according to DIN EN 60529

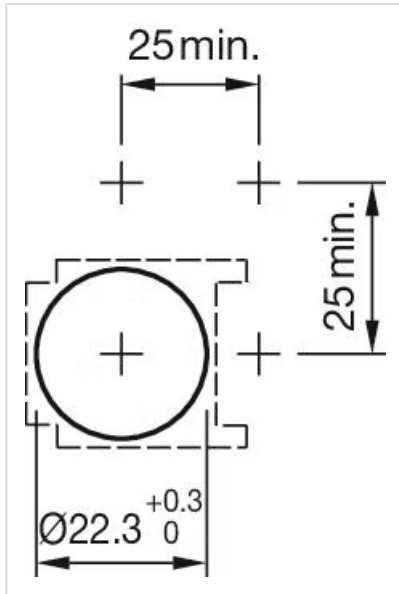
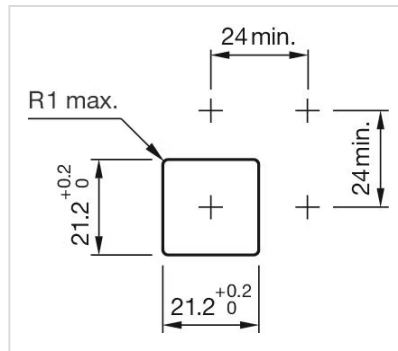
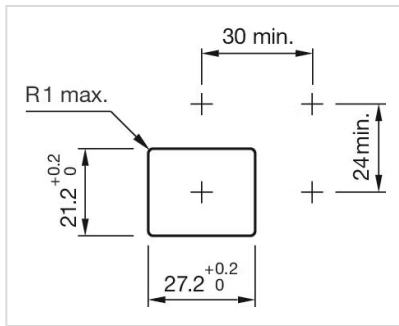
Shock resistance: 15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)

OTHER

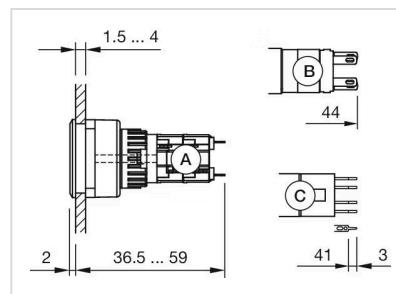
Short Description: Actuator, illuminative, 2 NC, Momentary, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

Housing colour: Black

Mounting cut-outs:

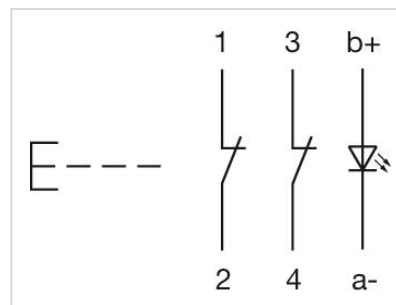


Dimension drawings:

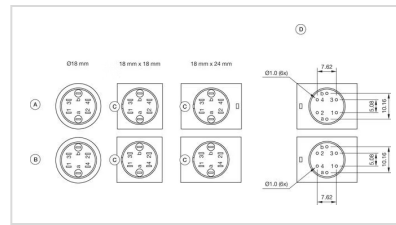


A = Solder terminal
B = Plug-in terminal 2.8 mm x 0.5 mm
C = Universal terminal 2.0 mm x 0.5 mm

Wiring diagrams:



Component layouts:



- A = Universal terminal (rear side)
- B = Plug-in terminal (rear side)
- C = Anti twist device
- D = Drilling plan