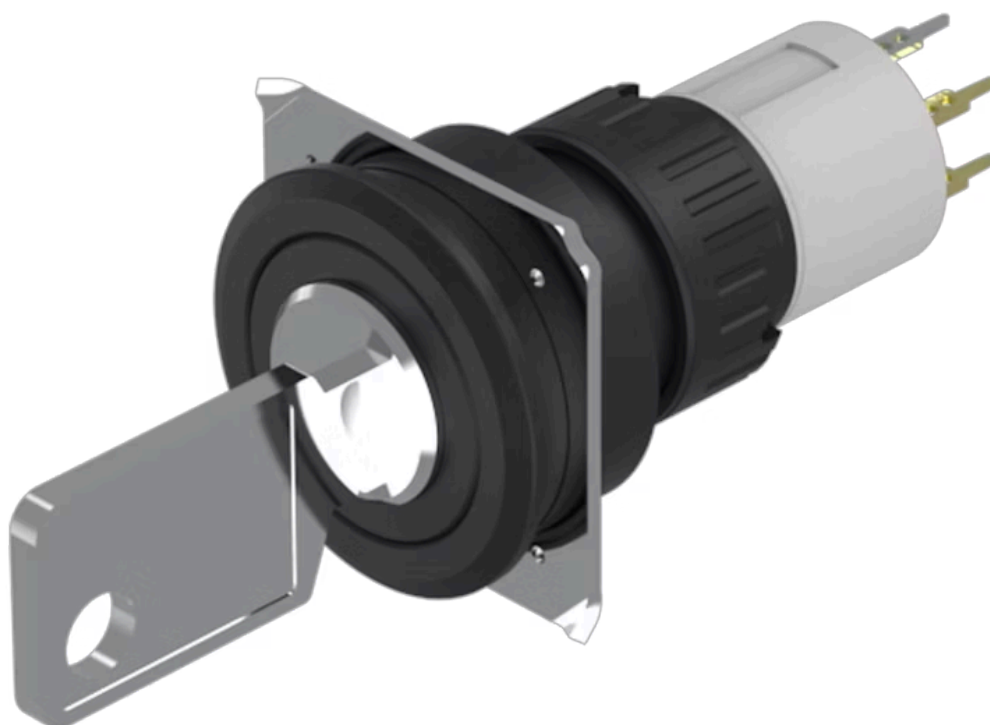


Actuator

51-
438.036DF



<https://eao.com/p/51-438.036DF>

Your product:



51-438.036DF Actuator

FRONT

Front dimension: Ø 25 mm

MOUNTING

Design: flush

ELECTRICAL CHARACTERISTICS

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

Electrostatic discharge (ESD): ≤ 15 kV

Contacts: 1 NC / 1 NO

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

MECHANICAL CHARACTERISTIC

Contact material: Gold

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.

Tightening torque: Fixing nut max. 0.5 Nm

Terminal: Universal terminal, 2 x 0.5 mm

Mechanical lifetime: 50 000 cycles of operation

Switching angle: 42° right

Operating force:

1,8 ... 3,5 N

Switching action: Rest (a) - Momentary

Switching system: Low-level element

Weight: 0.016 kg

Switching positions: 2 positions

AMBIENT CONDITION

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

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)

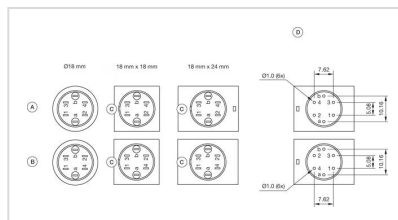
OTHER

Short Description: Actuator, Ø 25 mm, 1 NC / 1 NO, Rest (a) - Momentary, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

Housing colour: Black

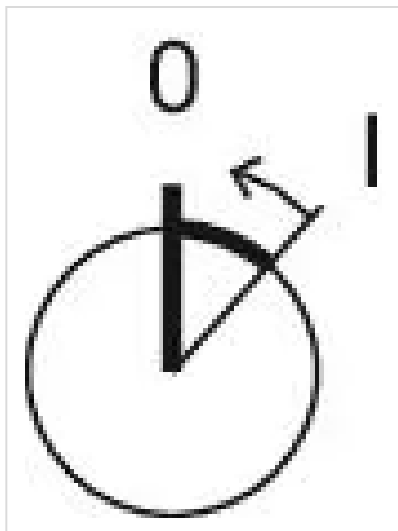
Hints: Standard lock: DOM 311

Component layouts:

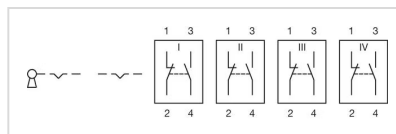


A = Universal terminal (rear side)
B = Plug-in terminal (rear side)
C = Anti twist device
D = Drilling plan

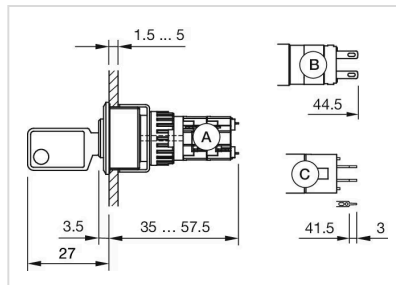
Switching positions:



Wiring diagrams:



Dimension drawings:



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

Mounting cut-outs:

