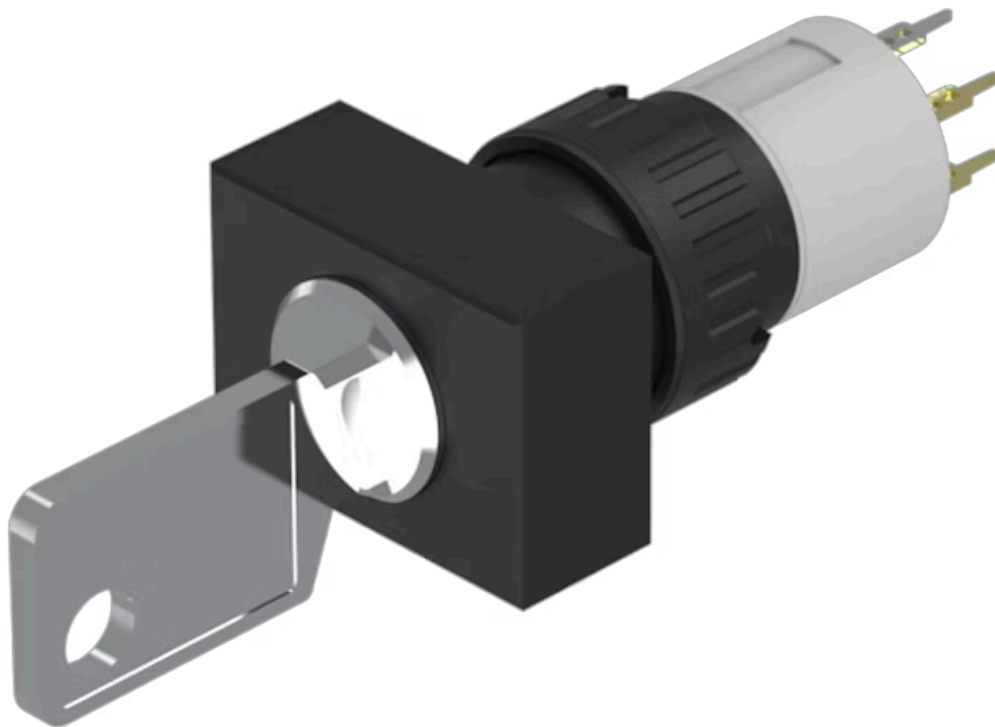


# Actuator

51-  
404.036DF



<https://www.eao.com/p/51-404.036DF>

Your product:

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## 51-404.036DF Actuator

### FRONT

**Front dimension:** 24 mm x 18 mm

**Front form:** Rectangular

### MOUNTING

**Design:** Flush

**Mounting cut-out:** 21 mm x 27 mm

**Mounting type:** Panel mounting

### ELECTRICAL CHARACTERISTICS

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

**Contacts:** 2 NO

**Switching rating:** 42 V @ 0,1 A

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

**Electrostatic discharge (ESD):** ≤ 15 kV

**Standards:** According to EN/IEC 61058-1

### MECHANICAL CHARACTERISTIC

**Terminal:** Universal terminal, 2 x 0.5 mm

**Contact material:** Gold

**Switching action:** Rest (a) - Maintained

**Switching system:** Low-level element

**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.

**Switching positions:** 2 positions

**Switching angle:** 90° right

**Mechanical lifetime:** 50 000 cycles of operation

**Operating force:** 1,8 ... 3,5 N

**Tightening torque:** Fixing nut max. 0.5 Nm

**Terminal details 1:** The universal terminals permit these units to be mounted on printed circuit boards (PCB). These terminals can also be used as soldering or plug-in terminals. For these terminals we can also supply a plug-in base which, when soldered on to the board, enables the switch to be plugged in.

**Weight:** 0.016 kg

#### **AMBIENT CONDITION**

**IP front protection:** IP65, according to DIN EN 60529

**Operating temperature:** - 25 °C ... + 55 °C

**Storage temperature:** - 40 °C ... + 85 °C

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

#### **CERTIFICATE**

**REACH:** REACH compliant

**RoHS:** RoHS compliant

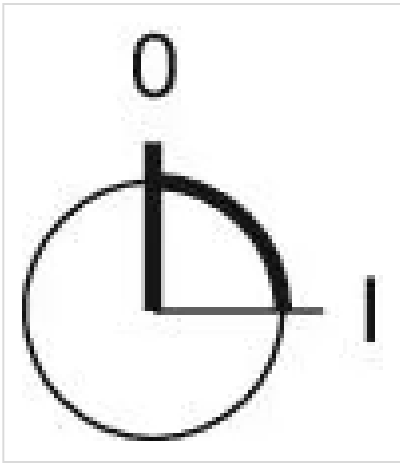
#### **OTHER**

**Short Description:** Actuator, 21 mm x 27 mm, 24 mm x 18 mm, Rectangular, 2 NO, Rest (a) - Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

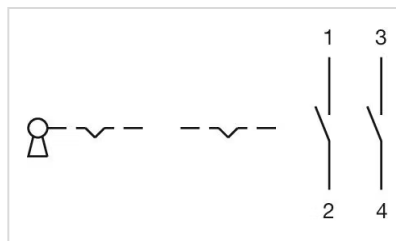
**Housing colour:** Black

**Hints:** Standard lock: DOM 311

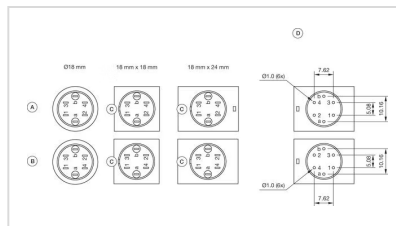
**Switching positions:**



**Wiring diagrams:**

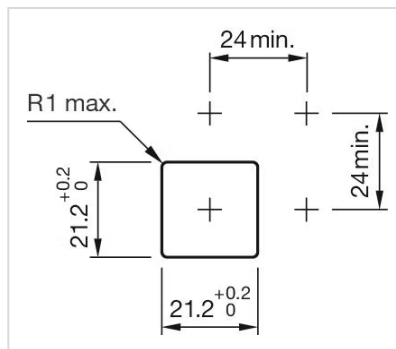


**Component layouts:**



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

**Mounting cut-outs:**



**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