

# Actuator

14-  
432.036



<https://eao.com/p/14-432.036>

Your product:

---



## 14-432.036 Actuator

### OPERATING-/INDICATION PART

**Lens illumination:** illuminative

### ELECTRICAL CHARACTERISTICS

**Protection class:** II

**Contacts:** 2 NC

**Electric strength:** 3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1

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

### MECHANICAL CHARACTERISTIC

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

**Operating Travel:** 3 mm

**Contact material:** Gold

**Weight:** 0.015 kg

**Switching action:** Momentary

**Tightening torque:** Fixing nut max. 0.25 Nm

**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

**Wire cross section:** Max. wire diameter 2 wires of 1 mm  
Max. wire cross-section of stranded cable 2 x 0.75 mm<sup>2</sup>

**Switching system:** Low-level element

**Operating force:** 3 N ... 4 N, depending on the number of switching elements

**AMBIENT CONDITION**

**Shock resistance:** Max. 150 m / s<sup>2</sup>, pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)

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

**IP front protection:** IP67, according to DIN EN 60529

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

**CERTIFICATE**

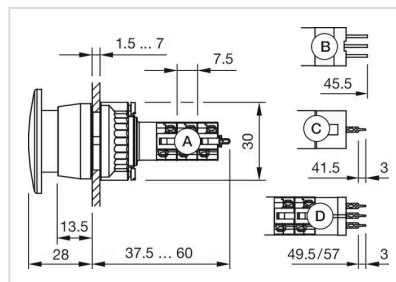
**Conformities:** 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**OTHER**

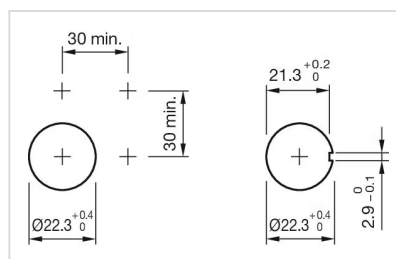
**Housing colour:** Black

**Short Description:** Actuator, illuminative, 2 NC, Momentary, Universal terminal, 2 x 0.5 mm, IP67, according to DIN EN 60529

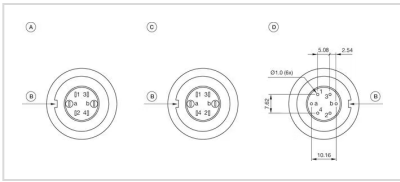
**Dimension drawings:**



**Mounting cut-outs:**



**Component layouts:**



**Wiring diagrams:**

