

Actuator

52-
436.036

Distribution by
Mouser



<https://mouser.eao.com/p/52-436.036>

Your product:



52-436.036 Actuator

MOUNTING

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lever material: plastic

Lever shape: short

ELECTRICAL CHARACTERISTICS

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

Contacts: 1 NC

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

MECHANICAL CHARACTERISTICS

Terminal: Universal terminal, 2 x 0.5 mm

Contact material: Gold

Switching action: Rest - Momentary

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: 42° right

Mechanical lifetime: 5 Mil. 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: 0.007 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

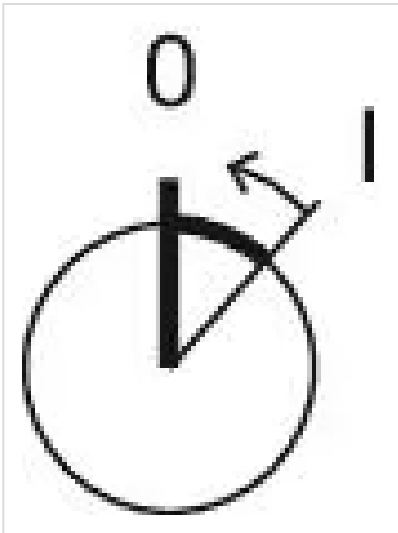
OTHER

Short Description: Actuator, optional illuminative, short, 1 NC, Rest - Momentary, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

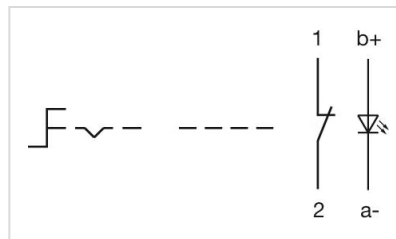
Housing colour: Black

Hints: Illuminative

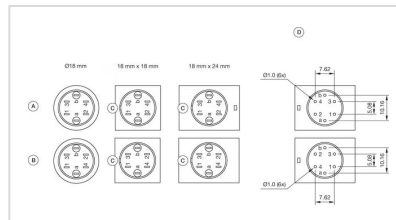
Switching positions:



Wiring diagrams:

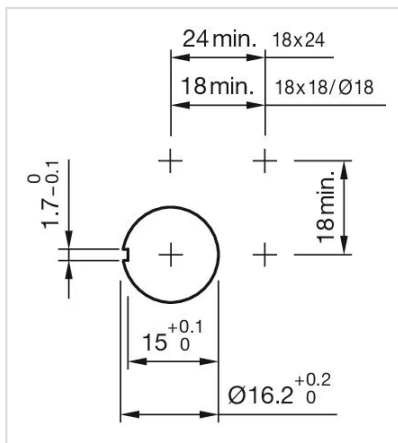
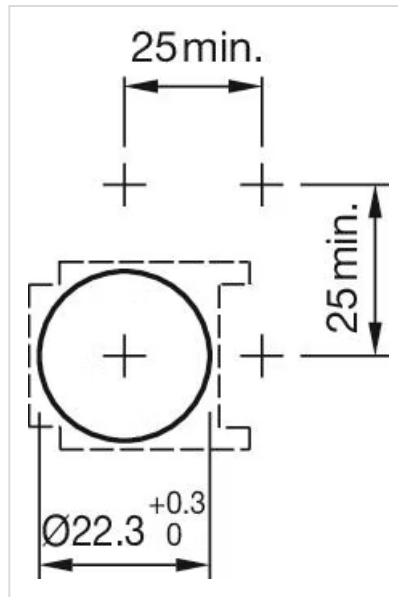
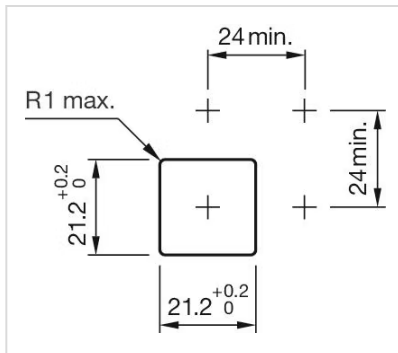


Component layouts:

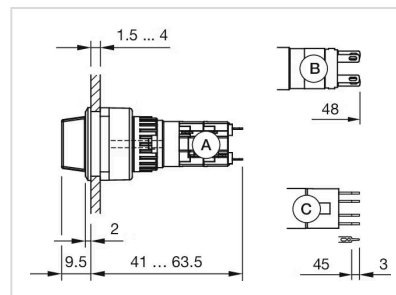


- A = Universal terminal (rear side)
B = Plug-in terminal (rear side)
C = Anti twist device
D = Drilling plan

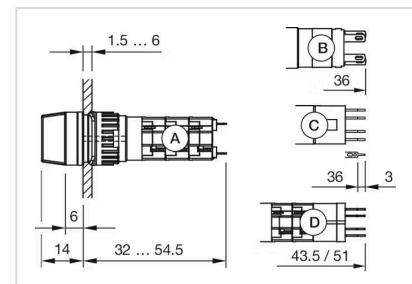
Mounting cut-outs:



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



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