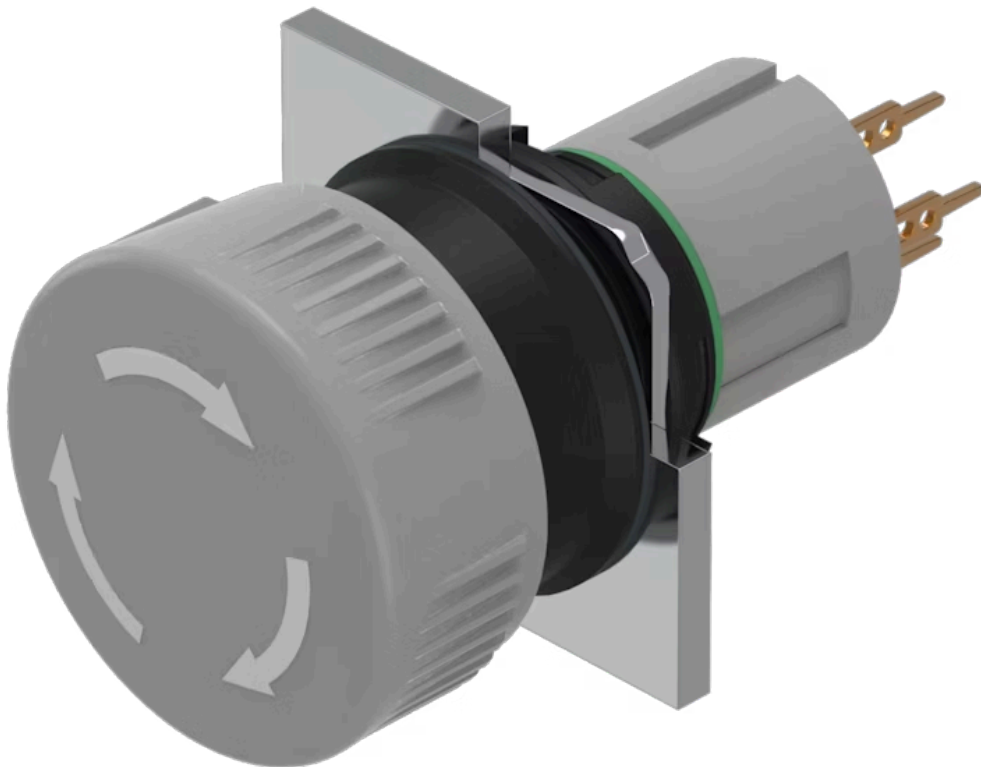


Actuator

51-
256.0268

Distribution by
Mouser



<https://mouser.eao.com/component/51-256.0268/...>

Your product:



51-256.0268 Actuator

FRONT

Front dimension: Ø 24,5 mm

Front form: Round

MOUNTING

Design: Raised

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Grey

Lens material: Plastic

Lens illumination: Non illuminated

Lens shape: Mushroom-head

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

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

Contacts: 1 NC

Switching rating: 42 V AC @ 0,1 A

MECHANICAL CHARACTERISTICS

Terminal: Universal terminal, 2 x 0.5 mm

Contact material: Gold

| | |
|-----------------------------|--|
| Switching action: | 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. |
| Release type: | Twist to unlock |
| Mechanical lifetime: | 1 Mil. cycles of operation (RCC/RPB) |
| Operating force: | 18 ... 21 N (depending on the switching element) |
| Operating Travel: | 3 mm |
| 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: | 0.014 kg |

AMBIENT CONDITION

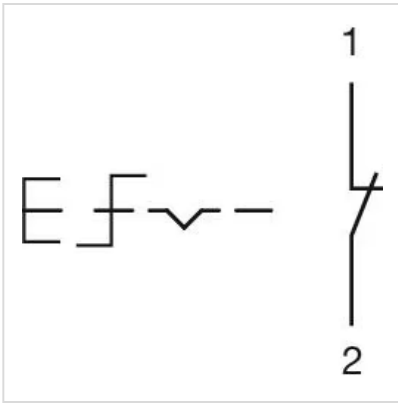
| | |
|-------------------------------|---------------------------------|
| IP front protection: | IP65, according to DIN EN 60529 |
| Operating temperature: | - 25 °C ... + 55 °C |
| Storage temperature: | - 40 °C ... + 85 °C |

CERTIFICATE

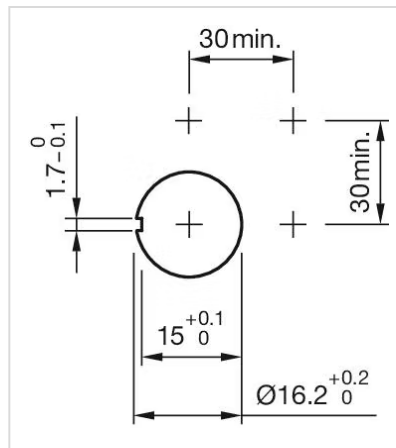
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| REACH: | REACH compliant |
| RoHS: | RoHS compliant |

OTHER

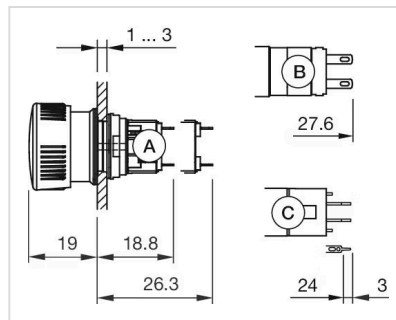
| | |
|---------------------------|---|
| Short Description: | Actuator, \varnothing 24,5 mm, Mushroom-head, Non illuminated, Grey, Plastic, opaque, Round, 1 NC, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529, Twist to unlock |
| Housing colour: | Black |
| Hints: | Marking arrows |
| Wiring diagrams: | |



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