

Actuator

51-
455.036F



<https://eao.com/p/51-455.036F>

Your product:



51-455.036F Actuator

MOUNTING

| | |
|-----------------------|----------------|
| Design: | flush |
| Mounting type: | Panel mounting |

OPERATING-/INDICATION PART

| | |
|---------------------------|--------------|
| Lens illumination: | illuminative |
|---------------------------|--------------|

ELECTRICAL CHARACTERISTICS

| | |
|---|--|
| Contacts: | 1 NO |
| Switching voltage and switching current: | 100 mA at 42 VAC/VDC |
| 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 CHARACTERISTIC

| | |
|-----------------------------|--|
| Terminal: | Universal terminal, 2 x 0.5 mm |
| Contact material: | Gold |
| Switching action: | Momentary |
| Switching system: | Low-level element |
| Switching system: | <p>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.</p> <p>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.</p> <p>Special features are the long life, extremely short rebound time and stable contact resistance.</p> |
| Mechanical lifetime: | |

5 Mio. cycles of operation

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

Operating Travel: 3 mm

Tightening torque: Fixing nut max. 0.5 Nm

Weight: 0.016 kg

AMBIENT CONDITION

IP front protection: IP65, according to DIN EN 60529

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

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

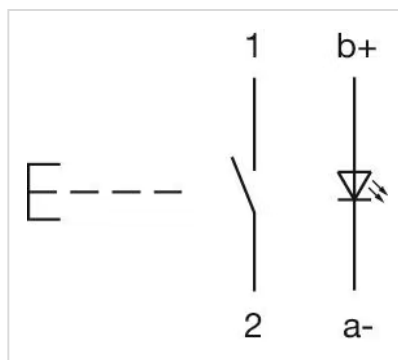
RoHS: RoHS compliant

OTHER

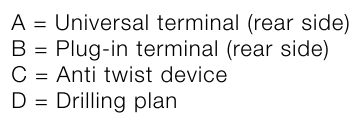
Short Description: Actuator, illuminative, 1 NO, Momentary, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

Housing colour: Black

Wiring diagrams:







Component layouts:



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

Where to Buy

| Distributor | | Quantity in Stock | | |
|---|--------------------|-------------------|-----|---|
|  | Mouser Electronics | 0 in stock | Buy |  |
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