

Actuator

18-
248.035

Distribution by
Newark



<https://newark.eao.com/p/18-248.035>

Your product:



18-248.035 Actuator

PRODUCT RANGE

Product Status: Phase-out

FRONT

Front dimension: 14 mm x 9 mm

Front form: Rectangular

Front bezel colour: Black

Front bezel material: Plastic

MOUNTING

Design: Raised

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Illuminated

ELECTRICAL CHARACTERISTICS

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

Contacts: 1 NC

Switching rating: 42 V @ 0,1 A

Electrical lifetime: ≥500 000 cycles of operation at 30 VDC, 100 mA, according to IEC 61058-1

Electric strength: 500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth

MECHANICAL CHARACTERISTICS

| | |
|-----------------------------|---|
| Terminal: | Soldering terminal |
| Contact material: | Gold |
| Switching action: | Maintained |
| Switching system: | Snap-action switching element |
| Switching system: | The snap-action switching system was designed for switching low powers in electronic circuits. Single-break snap-action contact. |
| Mechanical lifetime: | 1 Mil. cycles of operation |
| Operating force: | 1.4 N |
| Operating Travel: | ca. 2.2 mm ± 0.2 mm |
| Tightening torque: | Fixing nut max. 0.2 Nm |
| Wire cross section: | Max. wire cross-section 2 wires with 0.5 mm Max. wire cross-section of stranded cable 1 x 0.75 mm ² Wire cross-section of terminal 1,6 x 0,4 mm ² |
| Weight: | 0.002 kg |

AMBIENT CONDITION

| | |
|-------------------------------|--|
| IP front protection: | IP40, according to IEC 60529 |
| Operating temperature: | – 25 °C ... + 65 °C |
| Storage temperature: | – 40 °C ... + 80 °C |
| Shock resistance: | 50 g for 11 ms, as per DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal) |
| Vibration resistance: | 10 g at 10 Hz...2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN 60512-4-4 |

CERTIFICATE

| | |
|----------------------|---|
| Conformities: | 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) for version 230 VAC |
| REACH: | REACH compliant |
| RoHS: | RoHS compliant |

OTHER

| | |
|---------------------------|--|
| Short Description: | Actuator, 14 mm x 9 mm, Illuminated, Rectangular, Black, Plastic, 1 NC, Maintained, Soldering terminal, IP40, according to IEC 60529 |
| Internal size: | 12,5 mm x 7,5 mm |
| Housing colour: | Black |

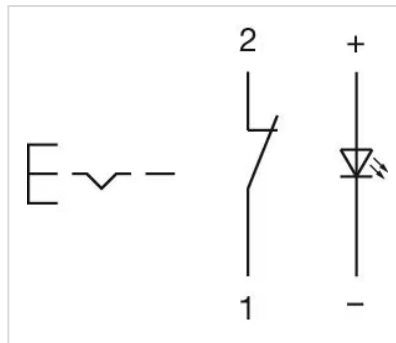
Housing material:

Plastic

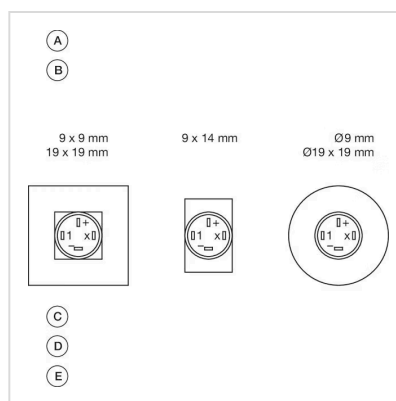
Product attributes:

+/- terminals are not connected

Wiring diagrams:

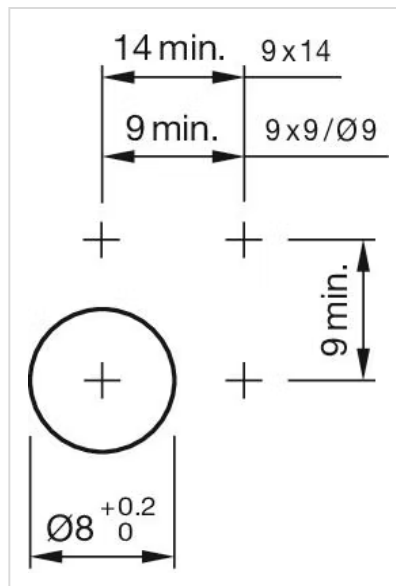


Component layouts:



A = Terminals (rear side)
B = Illuminated pushbutton
C = x = Contact No.
D = 2 = Normally open
E = 4 = Normally close

Mounting cut-outs:



Dimension drawings:

