

Actuator

19-
431.035

Distribution by
Mouser



<https://mouser.eao.com/component/19-431.035/e...>

Your product:



19-431.035 Actuator

FRONT

Front dimension:	Ø 9 mm
Front form:	Round
Front bezel colour:	Black
Front bezel material:	Plastic

MOUNTING

Design:	Raised
Mounting cut-out:	Ø 8 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens illumination:	Illuminated
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ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	100 mA at 42 VAC/VDC
Contacts:	1 NO
Switching rating:	50 V @ 0,1 A
Electric strength:	2500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth

MECHANICAL CHARACTERISTICS

Terminal:	Plug-in terminal, 2 x 0.5 mm
Contact material:	

Gold

Switching action:

Momentary

Switching system:

Low-level element

Switching system:

This low-level switching element was developed for low switching voltages and currents.

Single-break momentary contact, as normally open or normally closed with 4 independent points of contact.

Mechanical lifetime:

5 Mil. cycles of operation

Operating force:

1.8 N \pm 0.3 N

Operating Travel:

ca. 2.8 mm \pm 0.2 mm

Tightening torque:

Fixing nut max. 0.2 Nm

Wire cross section:

Max. wire diameter 2 wires \geq 0.8 mm

Max. wire cross-section of stranded cable 1 x 0.75 mm²

Weight:

0.002 kg

AMBIENT CONDITION

IP Protection:

IP40 front side, according to DIN EN 60529

Operating temperature:

– 25 °C ... + 45 °C with filament lamp, – 25 °C ... + 65 °C with LED, – 25 °C ... + 65 °C without illumination, 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, IEC 60068-2-27 (Single impacts, semi-sinusoidal)

CERTIFICATE

Conformities:

2011 / 65 / EC (RoHS)

REACH:

REACH compliant

RoHS:

RoHS compliant

OTHER

Short Description:

Actuator, Ø 8 mm, Ø 9 mm, Illuminated, Round, Black, Plastic, 1 NO, Momentary, Plug-in terminal, 2 x 0.5 mm

Internal size:

Ø 7,3 mm

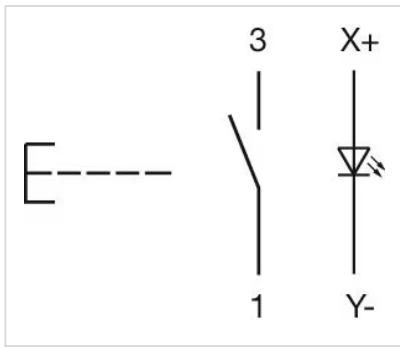
Housing colour:

Black

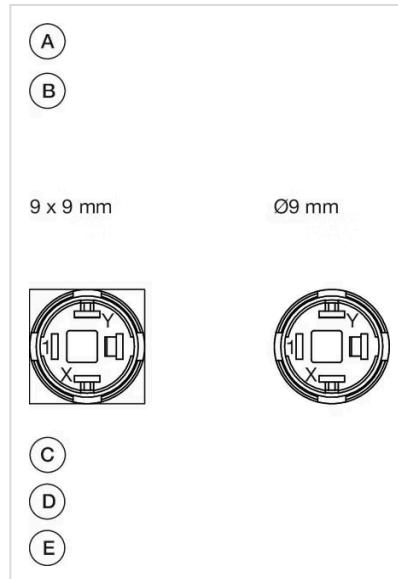
Housing material:

Plastic

Wiring diagrams:

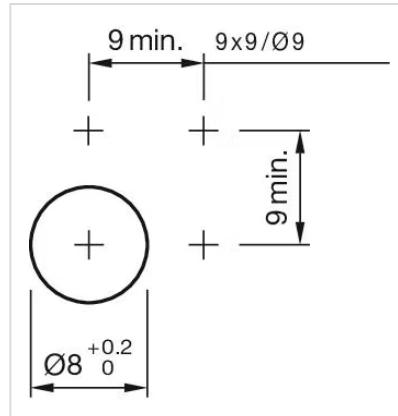


Component layouts:



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

Mounting cut-outs:



Dimension drawings:

