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Your Expert Partner for **Human Machine Interfaces**

# Actuator

Distribution by
Rs-online

19-
159.015



https://rs-online.eao.com/component/19-159.01...

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Your product:



# 19-159.015
# Actuator

## FRONT

| | |
|---|---|
| **Front dimension:** | 9 mm x 9 mm |
| **Front form:** | Square |
| **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 |

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| **Switching voltage and switching current:** | Silver plated<br>50 VAC, 0.8 A/72 VDC, 0.7 A<br>Gold plated<br>50 VAC, 100 mA/72 VDC, 70 mA |
| **Contacts:** | 1 NO |
| **Switching rating:** | 50 V @ 0,8 A |
| **Electric strength:** | 2500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth |

## MECHANICAL CHARACTERISTICS

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| | |
|---|---|
| **Terminal:** | Plug-in terminal, 2 x 0.5 mm |
| **Contact material:** | Silver |
| **Switching action:** | Momentary |
| **Switching system:** | Snap-action switching element |
| **Switching system:** | Single-break, snap-action switching system with 1 normally open contact |
| **Mechanical lifetime:** | 2 Mil. cycles of operation |
| **Operating force:** | 1.8 N ±0.3 N |
| **Operating Travel:** | ca. 2.8 mm ± 0.2 mm |
| **Tightening torque:** | Fixing nut max. 0.2 Nm |
| **Wire cross section:** | Max. wire diameter 2 wires à 0.8 mm<br>Max. wire cross-section of stranded cable 1 x 0.75 $mm^2$ |
| **Weight:** | 0.002 kg |

## AMBIENT CONDITION

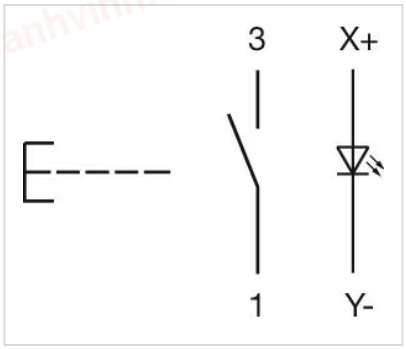
| | |
|---|---|
| **IP Protection:** | IP40 front side, according to DIN EN 60529 |
| **Operating temperature:** | – 25 °C ... + 45 °C with filament lamp, – 25 °C ... + 65 °C with LED, – 25 °C ... + 65 °C without illumination, mounted as a block, make sure the heat can escape freely |
| **Storage temperature:** | – 40 °C ... + 85 °C |

## CERTIFICATE

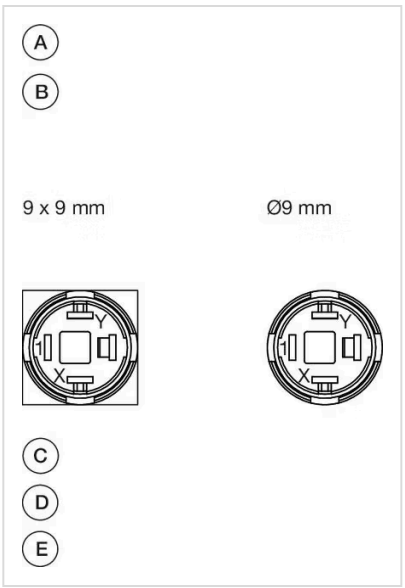
| | |
|---|---|
| **Conformities:** | 2011 / 65 / EC (RoHS) |
| **REACH:** | REACH compliant |
| **RoHS:** | RoHS compliant |

## OTHER

| | |
|---|---|
| **Short Description:** | Actuator, Ø 8 mm, 9 mm x 9 mm, Illuminated, Square, Black, Plastic, 1 NO, Momentary, Plug-in terminal, 2 x 0.5 mm |
| **Internal size:** | 7,3 mm x 7,3 mm |
| **Housing colour:** | Black |
| **Housing material:** | Plastic |
| **Wiring diagrams:** | |

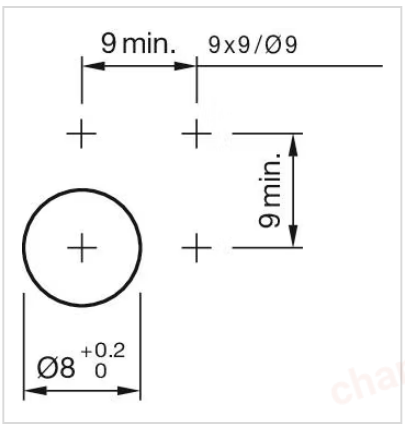



**Component layouts:**




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

**Mounting cut-outs:**




**Dimension drawings:**

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