Your Expert Partner for **Human Machine Interfaces**

# Actuator

31-
471.036



https://www.eao.com/component/31-471.036/en/a...

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Your product:



# 31-471.036
# Actuator

## PRODUCT RANGE

| | |
|---|---|
| **Product Status:** | Phase-out |
| **successor product:** | https://www.eao.com/component/51-471.036/en/actuator |

## FRONT

| | |
|---|---|
| **Front dimension:** | Ø 18 mm |
| **Front form:** | Round |
| **Front bezel colour:** | Black |
| **Front bezel material:** | Plastic |

## MOUNTING

| | |
|---|---|
| **Design:** | Raised |
| **Mounting cut-out:** | Ø 16 mm |
| **Mounting type:** | Panel mounting |

## OPERATING-/INDICATION PART

| | |
|---|---|
| **Lens illumination:** | Illuminated |

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| **Contacts:** | 2 NO |
| **Switching rating:** | 42 V @ 0,1 A |
| **Standards:** | According to EN/IEC 61058-1 |

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## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| **Terminal:** | Universal terminal, 2 x 0.5 mm |
| **Contact material:** | Gold |
| **Switching action:** | Maintained |
| **Switching system:** | Low-level element |
| **Mechanical lifetime:** | 1 Mil. cycles of operation |
| **Operating force:** | 3 N ... 3.5 N |
| **Operating Travel:** | ca. 3 mm |
| **Tightening torque:** | Fixing nut max. 0.5 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:** | 0.007 kg |

## AMBIENT CONDITION

| | |
|---|---|
| **IP Protection:** | IP40 front side, IP67 with front protective cap |
| **Operating temperature:** | – 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely |
| **Storage temperature:** | – 40 °C ... + 85 °C |
| **Climate resistance:** | Standard condition according to IEC 60068-2-3<br>Changing condition according to IEC 60068-2-14 |

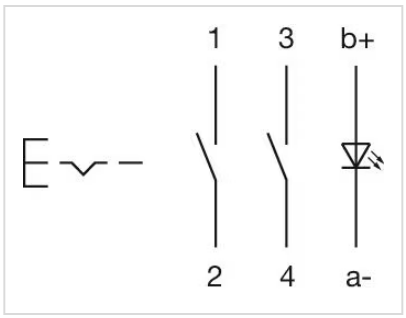
## CERTIFICATE

| | |
|---|---|
| **Conformities:** | CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
| **REACH:** | REACH compliant |
| **RoHS:** | RoHS compliant |

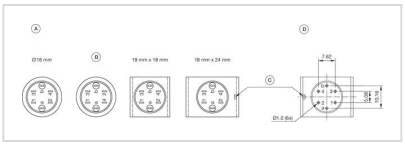
## OTHER

| | |
|---|---|
| **Short Description:** | Actuator, Ø 16 mm, Ø 18 mm, Illuminated, Round, Black, Plastic, 2 NO, Maintained, Universal terminal, 2 x 0.5 mm |
| **Internal size:** | Ø 15,8 mm |
| **Housing colour:** | Black |
| **max. number of switching elements:** | 1 |
| **Wiring diagrams:** | |

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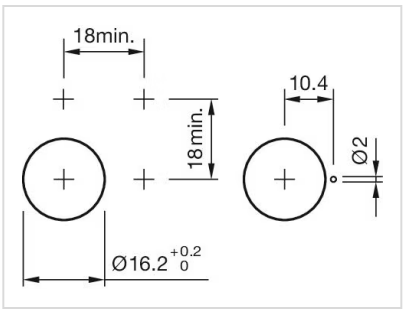



**Component layouts:**

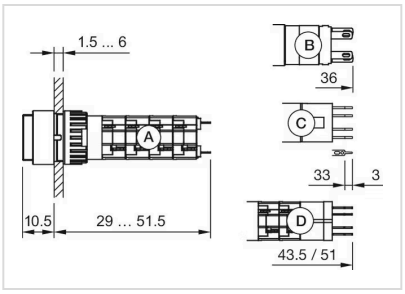


A = Terminals (rear side)
B = Diode block
C = Anti twist device only 18 mm x 24 mm
D = Drilling plan (component side)

**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
D = Universal-Solder terminal

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