

# Actuator

31-  
431.036

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## 31-431.036 Actuator

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### PRODUCT RANGE

**Product Status:** Not Recommended for new design

### 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

### MECHANICAL CHARACTERISTICS

<b>Terminal:</b>	Universal terminal, 2 x 0.5 mm
<b>Contact material:</b>	Gold
<b>Switching action:</b>	Momentary
<b>Switching system:</b>	Low-level element
<b>Mechanical lifetime:</b>	5 Mil. cycles of operation
<b>Operating force:</b>	3 N ... 3.5 N
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	Fixing nut max. 0.5 Nm
<b>Wire cross section:</b>	Max. wire diameter 2 wires à 0.8 mm Max. wire cross-section of stranded cable 1 x 0.75 mm <sup>2</sup>
<b>Weight:</b>	0.006 kg

### AMBIENT CONDITION

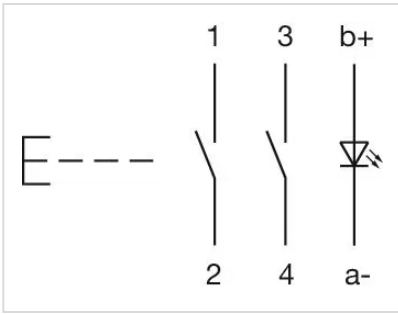
<b>IP Protection:</b>	IP40 front side, IP67 with front protective cap
<b>Operating temperature:</b>	- 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
<b>Storage temperature:</b>	- 40 °C ... + 85 °C
<b>Climate resistance:</b>	Standard condition according to IEC 60068-2-3 Changing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

### CERTIFICATE

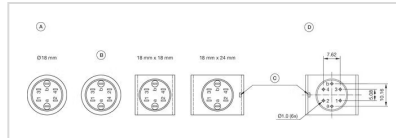
<b>Conformities:</b>	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant

### OTHER

<b>Short Description:</b>	Actuator, Ø 16 mm, Ø 18 mm, Illuminated, Round, Black, Plastic, 2 NO, Momentary, Universal terminal, 2 x 0.5 mm
<b>Internal size:</b>	Ø 15,8 mm
<b>Housing colour:</b>	Black
<b>max. number of switching elements:</b>	1
<b>Wiring diagrams:</b>	

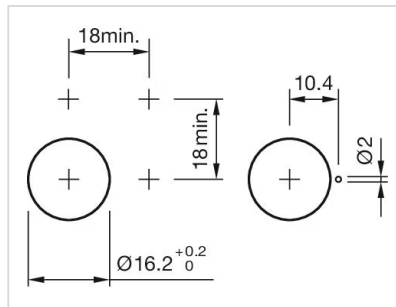


**Component layouts:**

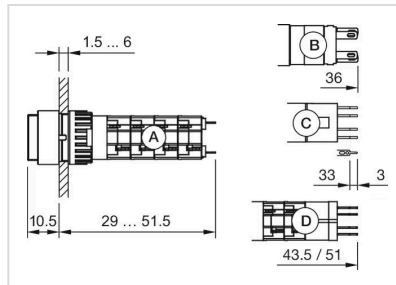


- A = Terminals (rear side)
- B = Diode block
- C = Anti twist device only 18 mm x 24 mm
- D = Drilling plan (component side)

**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