

Actuator

31-431.036





Your product:



31-431.036 Actuator

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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: illuminative

ELECTRICAL CHARACTERISTICS

Contacts: 2 NO

Switching rating: 42 V @ 0,1 A

Standards: According to EN/IEC 61058-1

MECHANICAL CHARATERISTIC

Terminal: Universal terminal, 2 x 0.5 mm

Contact material: Gold

Switching action: Momentary

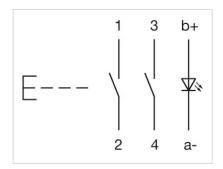
Switching system: Low-level element Mechanical lifetime: 5 Mio. cycles of operation Operating force: 3 N ... 3.5 N **Operating Travel:** ca. 3 mm Tightening torque: Fixing nut max. 0.5 Nm Wire cross section: Max. wire diameter 2 wires à 0.8 mm Max. wire cross-section of stranded cable 1 x 0.75 mm² Weight: 0.007 kg **AMBIENT CONDITION IP Protection:** IP40 front side, IP67 with front protective cap - 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely Operating temperature: – 40 °C ... + 85 °C Storage temperature: Climate resistance: Standard condition according to IEC 60068-2-3 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** Actuator, Ø 16 mm, Ø 18 mm, illuminative, round, Black, Plastic, 2 NO, **Short Description:** Momentary, Universal terminal, 2 x 0.5 mm Internal size: Ø 15,8 mm

Housing colour: Black

max. number of switching

elements:

Wiring diagrams:



Component layouts:



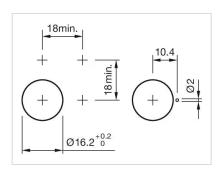
A = Terminals (rear side)

B = Diode block

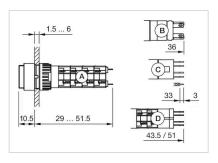
C = Anti twist device only 18 mm x 24 mm

D = Drilling plan (component side)

Mounting cut-outs:



Dimension drawings:



A = Solder terminal

 $B = Plug-in terminal 2.8 mm \times 0.5 mm \\ C = Universal terminal 2.0 mm \times 0.5 mm$

D = Universal-Solder terminal

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