

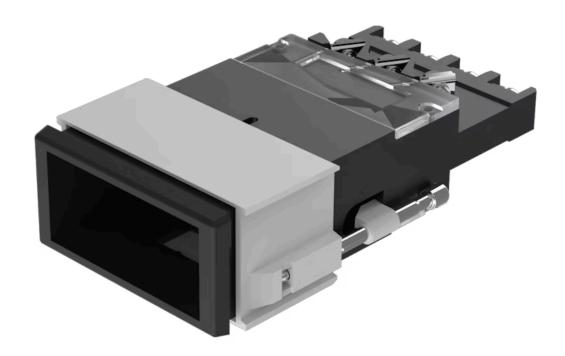
# Actuator

03-

619.011

Distribution by Mouser









## 03-619.011 Actuator

PRODUCT RANGE	P	R	O	D	U	CT	R	AN	<b>IG</b> I	E
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Product Status: Not Recommended for new design

**FRONT** 

Front form: Rectangular

Front bezel colour: Black

Front bezel material: Plastic

**MOUNTING** 

Design: Flush

**Mounting cut-out:** 41.2 mm x 21.2 mm

Mounting type: Panel mounting

**OPERATING-/INDICATION PART** 

Lens illumination: Illuminated

**ELECTRICAL CHARACTERISTICS** 

Switching voltage and switching according to UL current: 250 VAC: 10 A

250 VAC, 10 A according to IEC 60947-5-1

AC-12: 400 V, 10 A AC-15: 250 V, 8 A DC-13: 60 V, 1 A AC-15: 250 V, 8 A DC-13: 24 V, 3 A

Contacts: 2 C

Rated insulation voltage Ui: 400 VAC/440 VDC according to IEC 60947-5-1

Switching rating: 400 V @ 10 A

Electric strength: 2500 VAC, 50 Hz, 1 minute, as per IEC 60947-5-1 between all terminals and earth

Standards: The switches comply with the "Standards for low-voltage switching devices" EN

IEC 60947-5-1

Thermal current Ith: 10 A

#### **MECHANICAL CHARACTERISTICS**

Terminal: Screw terminal

Contact material: Silver

Switching action: Maintained

Switching system: Snap-action switching element

**Switching system:** 1 or 2 self-cleaning snap action switching elements.

1 or 2 double-throw contacts.

Mechanical lifetime: 1 Mil. cycles of operation

Operating force: 6 ... 12 N

Operating Travel: ca. 5 mm

**Tightening torque:** Fixing sleeve max. 0.2 Nm, Screw terminal 0.8 Nm

**Terminal details 1:** Max. wire cross-section 2 mm x 2.5 mm<sup>2</sup>

Max. wire cross-section of stranded cable 2 x 1.5 mm<sup>2</sup>

**Weight:** 0.083 kg

### **AMBIENT CONDITION**

IP Protection: IP40 front side, IP65 with spray cover, according to IEC 60529

**Operating temperature:**  $-25 \, ^{\circ}\text{C} \dots + 55 \, ^{\circ}\text{C}$ , mounted as a block, make sure the heat can escape freely

Storage temperature:  $-30 \, ^{\circ}\text{C} \dots + 85 \, ^{\circ}\text{C}$ 

**Shock resistance:** 15 g for 11 ms, according to IEC 60068-2-27

Vibration resistance: 10 g at 10 Hz...2000 Hz, amplitude 1.0 mm, according to IEC 60068-2-6

#### **CERTIFICATE**

**Approbations:** CB (IEC 61058-1), CSA, DNV, UL

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

**REACH:** REACH compliant

**RoHS:** RoHS compliant

#### **OTHER**

**Short Description:** Actuator, 41.2 mm x 21.2 mm, Illuminated, Rectangular, Black, Plastic, 2 C,

Maintained, Screw terminal

Housing colour: Black

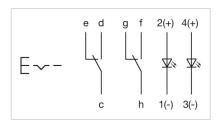
Housing material: Plastic

**Hints:** Has two independent lamp bases

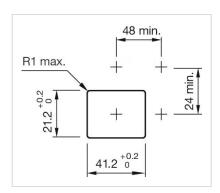
For LED element fitting information see Application guidelines, LED polarity

Light barrier ordered separately

Wiring diagrams:



Mounting cut-outs:



**Dimension drawings:** 

