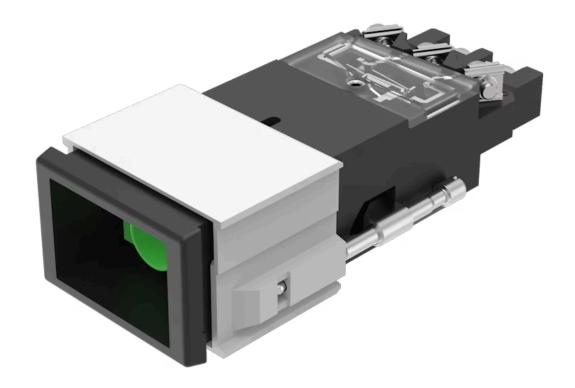


# Actuator

02-617.011







# 02-617.011 Actuator

PRO		

**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: 21.2 mm x 29.2 mm

Mounting type: Panel mounting

**OPERATING-/INDICATION PART** 

Lens illumination: Illuminated

**ELECTRICAL CHARACTERISTICS** 

Switching voltage and switching current:

according to UL 250 VAC, 10 A

according to IEC 60947-5-1

AC-12: 400 V, 10 A AC-15: 400 V, 6 A AC-15: 250 V, 8 A DC-13: 110 V, 0.4 A DC-13: 60 V, 1 A DC-13: 24 V, 3 A

**Contacts:** 2 C

Rated insulation voltage Ui: 400 VAC/440 VDC according toIEC 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: Momentary

**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:** 2 Mil. cycles of operation

Operating force: 6 ... 12 N

Operating Travel: ca. 5 mm

**Tightening torque:** Fixing nut 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:** 0.059 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

**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 60947-5-1), CENELEC CCA-NTR (EN 60947-5-1), CSA, DNV, SEV, UL

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

**REACH:** REACH compliant

**RoHS:** RoHS compliant

#### **OTHER**

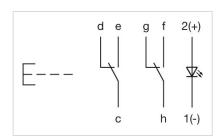
Short Description: Actuator, 21.2 mm x 29.2 mm, Illuminated, Rectangular, Black, Plastic, 2 C,

Momentary, Screw terminal

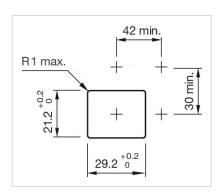
Housing colour: Black

Housing material: Plastic

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

