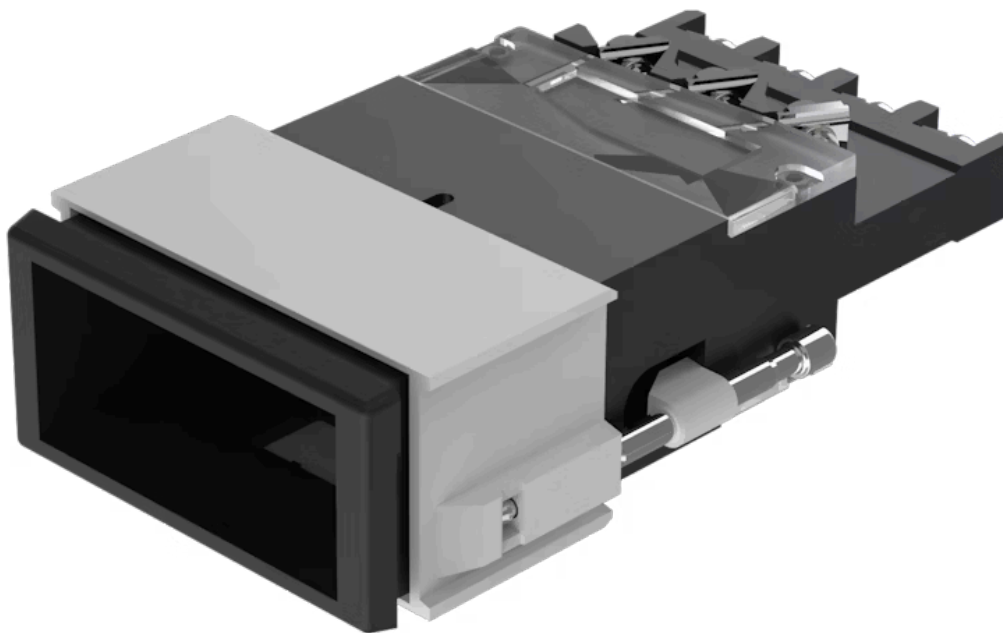


# Actuator

03-  
616.011



<https://eao.com/p/03-616.011>

Your product:

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## 03-616.011 Actuator

### FRONT

<b>Front form:</b>	rectangular
<b>Front bezel colour:</b>	Black
<b>Front bezel material:</b>	Plastic

### MOUNTING

<b>Design:</b>	flush
<b>Mounting cut-out:</b>	41.2 mm x 21.2 mm
<b>Mounting type:</b>	Panel mounting

### OPERATING-/INDICATION PART

<b>Lens illumination:</b>	illuminative
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### ELECTRICAL CHARACTERISTICS

<b>Contacts:</b>	1 C						
<b>Switching voltage and switching current:</b>	<p>according to UL 250 VAC, 10 A</p> <p>according to IEC 60947-5-1</p> <table> <tr> <td>AC-12: 400 V, 10 A</td> <td>AC-15: 400 V, 6 A</td> </tr> <tr> <td>AC-15: 250 V, 8 A</td> <td>DC-13: 110 V, 0.4 A</td> </tr> <tr> <td>DC-13: 60 V, 1 A</td> <td>DC-13: 24 V, 3 A</td> </tr> </table>	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
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						
<b>Rated insulation voltage Ui:</b>	400 VAC/440 VDC according to IEC 60947-5-1						
<b>Switching rating:</b>	400 V @ 10 A						
<b>Electric strength:</b>	2500 VAC, 50 Hz, 1 minute, as per IEC 60947-5-1 between all terminals and earth						
<b>Standards:</b>	The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1						
<b>Thermal current Ith:</b>	10 A						

### MECHANICAL CHARACTERISTIC

<b>Terminal:</b>	Screw terminal
<b>Contact material:</b>	Silver
<b>Switching action:</b>	Momentary
<b>Switching system:</b>	Snap-action switching element
<b>Switching system:</b>	1 or 2 self-cleaning snap action switching elements. 1 or 2 double-throw contacts.
<b>Mechanical lifetime:</b>	2 Mio. cycles of operation
<b>Operating force:</b>	6 ... 12 N
<b>Operating Travel:</b>	ca. 5 mm
<b>Tightening torque:</b>	Fixing sleeve max. 0.2 Nm, Screw terminal 0.8 Nm
<b>Weight:</b>	0.07 kg

### AMBIENT CONDITION

<b>IP Protection:</b>	IP40 front side, IP65 with spray cover, according to IEC 60529
<b>Operating temperature:</b>	- 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
<b>Storage temperature:</b>	- 30 °C ... + 85 °C
<b>Shock resistance:</b>	15 g for 11 ms, according to IEC 60068-2-27
<b>Vibration resistance:</b>	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**

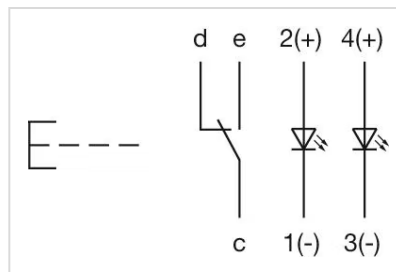
**Short Description:** Actuator, 41.2 mm x 21.2 mm, illuminative, rectangular, Black, Plastic, 1 C, Momentary, Screw terminal

**Housing colour:** Black

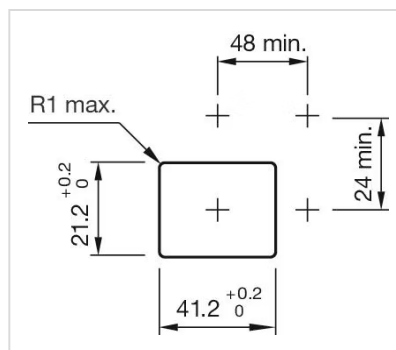
**Housing material:** Plastic

**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:**

