

# Actuator

02-  
691.011

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## 02-691.011 Actuator

### FRONT

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

### MOUNTING

<b>Design:</b>	flush
<b>Mounting cut-out:</b>	21.2 mm x 29.2 mm

### ELECTRICAL CHARACTERISTICS

<b>Contacts:</b>	2 C
<b>Standards:</b>	The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1
<b>Rated insulation voltage <math>U_i</math>:</b>	400 VAC/440 VDC according to IEC 60947-5-1
<b>Thermal current <math>I_{th}</math>:</b>	10 A
<b>Switching voltage and switching current:</b>	according to UL 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: 400 V, 6 A DC-13: 110 V, 0.4 A DC-13: 24 V, 3 A

### MECHANICAL CHARACTERISTIC

<b>Switching positions:</b>	2 positions
<b>Terminal:</b>	Screw terminal
<b>Weight:</b>	0.055 kg
<b>Switching system:</b>	1 or 2 self-cleaning snap action switching elements. 1 or 2 double-throw contacts.

<b>Switching action:</b>	Rest (a) - Momentary
<b>Tightening torque:</b>	Fixing nut max. 0.2 Nm, Screw terminal 0.8 Nm
<b>Contact material:</b>	Silver
<b>Switching angle:</b>	90° right
<b>Operating force:</b>	6 ... 12 N
<b>Mechanical lifetime:</b>	2 Mio. cycles of operation
<b>Switching system:</b>	Snap-action switching element

### AMBIENT CONDITION

<b>Vibration resistance:</b>	10 g at 10 Hz...2000 Hz, amplitude 1.0 mm, according to IEC 60068-2-6
<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>Shock resistance:</b>	15 g for 11 ms, according to IEC 60068-2-27
<b>Storage temperature:</b>	- 30 °C ... + 85 °C

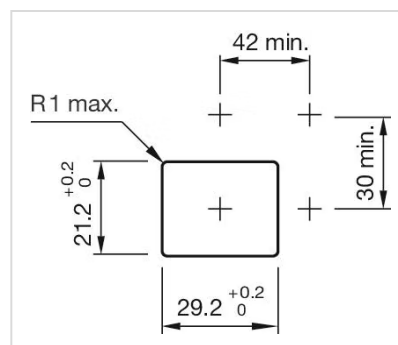
### CERTIFICATE

<b>Approbations:</b>	CB (IEC 60947-5-1), CENELEC CCA-NTR (EN 60947-5-1), CSA, DNV, SEV, UL
<b>Conformities:</b>	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

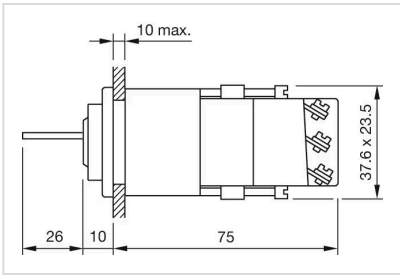
### OTHER

**Short Description:** Actuator, 21.2 mm x 29.2 mm, Black, Plastic, 2 C, Rest (a) - Momentary, Screw terminal

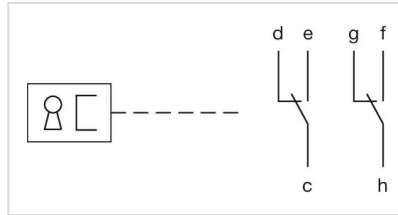
**Mounting cut-outs:**



**Dimension drawings:**



**Wiring diagrams:**



**Switching positions:**

