

Actuator

71-
637.0/D

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/71-637.0/D>

Your product:



71-637.0/D Actuator

ELECTRICAL CHARACTERISTICS

**Recommended minimum
operational data:**

Voltage	5 VAC/DC
Current	10 mA

**Switching voltage and switching
current:**

Switch rating AC $\cos\phi$ 0,7 ... 0,8 gemäss EN IEC 60947-5-1		
Voltage	250 VAC	
Current	3 A	
Switch rating DC gemäss EN IEC 60947-5-1		
Voltage	24 VDC	250 VDC
Current	3 A	0.5 A

Surge voltage resistance:

2500 VAC, 50 Hz, 1 minute, as per DIN / IEC 60512-2 between all terminals and earth

MECHANICAL CHARACTERISTIC

Switching action:

Maintained (a) - Rest (a) - Momentary

Switching positions:

3 positions

Switching angle:

90° left / 42° right

Tightening torque:

Fixing nut max. 0.5 Nm

Mechanical lifetime:

50 000 cycles of operation

Weight:

0.026 kg

Switching system:

Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.

AMBIENT CONDITION

IP Protection:

IP65 front side

Climate resistance:

Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78

Storage temperature:

- 40 °C ... + 85 °C

Shock resistance: Max. 500 m/s², pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)

Vibration resistance: Max. 100 m / s² from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)

CERTIFICATE

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

OTHER

Hints: Standard lock: DOM 311

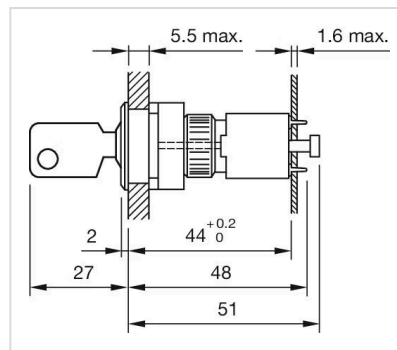
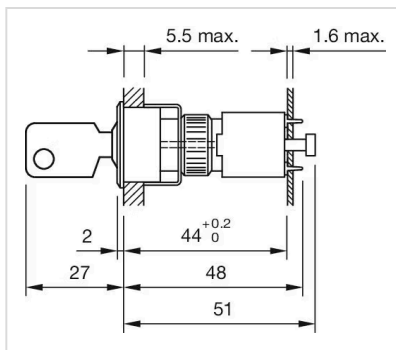
Short Description: Actuator, Maintained (a) - Rest (a) - Momentary

Housing material: Plastic, according to UL 94 V0

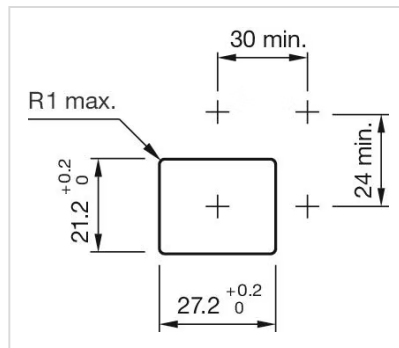
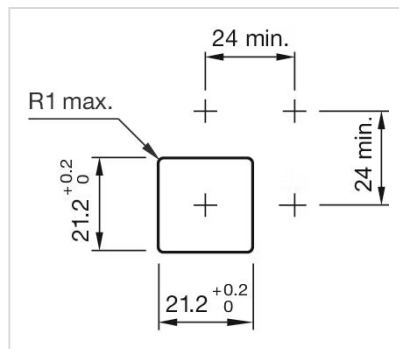
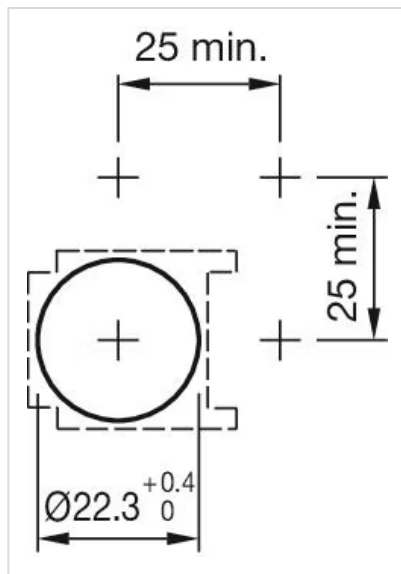
Wiring diagrams:



Dimension drawings:



Mounting cut-outs:



Switching positions:

