

Actuator

71-642.0A

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Your product:



71-642.0A Actuator

OPERATING-/INDICATION PART

Lever material: plastic

Lever shape: short

ELECTRICAL CHARACTERISTICS

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

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

Recommended minimum operational data:

Voltage 5 VAC/DC

Current 10 mA

MECHANICAL CHARACTERISTIC

Switching action: Rest - Maintained

Mechanical lifetime: 100 000 cycles of operation

Switching angle: 90° right

Weight: 0.003 kg

Switching positions: 2 positions

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

Tightening torque: Fixing nut max. 0.5 Nm

AMBIENT CONDITION

Vibration resistance:	Max. 100 m / s ² from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
Climate resistance:	Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78
IP Protection:	IP65 front side
Shock resistance:	Max. 500 m/s ² , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)
Storage temperature:	- 40 °C ... + 85 °C
Operating temperature:	- 25 °C ... + 55 °C

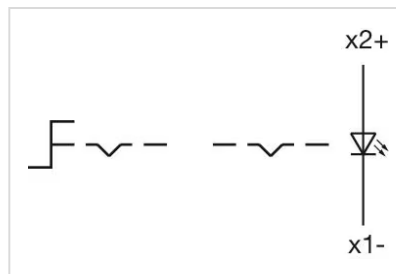
CERTIFICATE

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

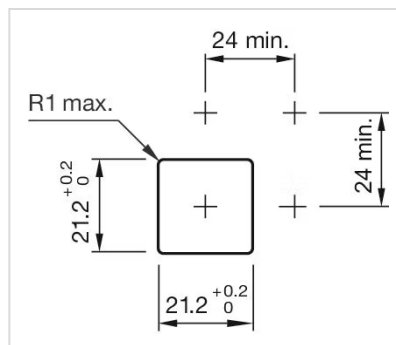
OTHER

Short Description:	Actuator, optional illuminative, short, Rest - Maintained
Housing material:	Plastic, according to UL 94 V0
Hints:	Pitch of the front plate mounting holes must agree with the printed circuit board holes Ø 3.5 mm

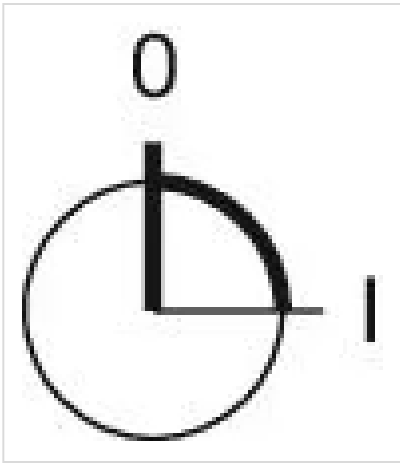
Wiring diagrams:



Mounting cut-outs:



Switching positions:



Dimension drawings:

