# Actuator

71-651.0

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## MOUNTING

**Mounting type:**               Panel mounting

## OPERATING-/INDICATION PART

**Lever material:**              plastic

**Lever shape:**                 short

## ELECTRICAL CHARACTERISTICS

**Switching voltage and switching current:**

| | | |
|---|---|---|
| Switch rating AC cosφ 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

**Recommended minimum operational data:**

| | |
|---|---|
| Voltage | 5 VAC/DC |
| Current | 10 mA |

## MECHANICAL CHARACTERISTICS

**Switching action:**            Momentary - Rest - Momentary

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

**Switching positions:**         3 positions

**Switching angle:**             42° left / 42° right

**Mechanical lifetime:**         100 000 cycles of operation

**Tightening torque:**           Fixing nut max. 0.5 Nm

| | |
|---|---|
| **Weight:** | 0.003 kg |

## AMBIENT CONDITION

| | |
|---|---|
| **IP Protection:** | IP65 front side |
| **Operating temperature:** | – 25 °C … + 55 °C |
| **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) |
| **Climate resistance:** | Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78 |

## CERTIFICATE

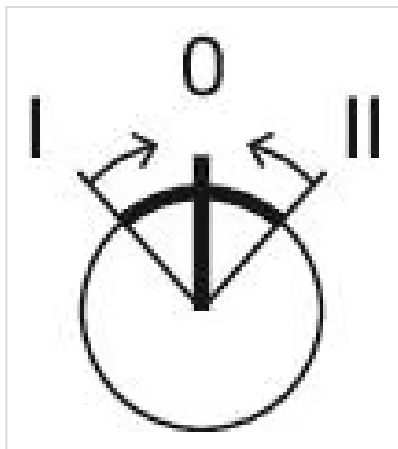| | |
|---|---|
| **Conformities:** | CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
| **REACH:** | REACH compliant |
| **RoHS:** | RoHS compliant |

## OTHER

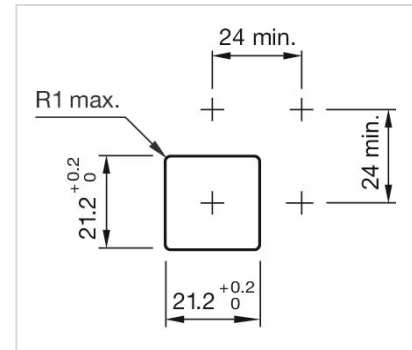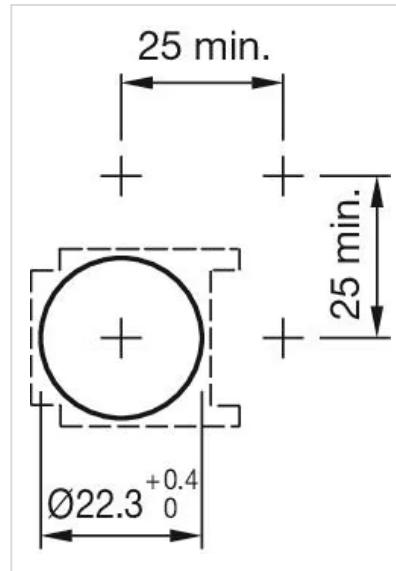| | |
|---|---|
| **Short Description:** | Actuator, optional illuminative, short, Momentary - Rest - Momentary |
| **Housing material:** | Plastic, according to UL 94 V0 |
| **Product attributes:** | Pitch of the front plate mounting holes must agree with the printed circuit board holes Ø 3.5 mm |
|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

**Switching positions:**



**Wiring diagrams:**

x2+

x1-

**Mounting cut-outs:**

25 min.

25 min.

Ø22.3 $^{+0.4}_{0}$

24 min.

24 min.

R1 max.

21.2 $^{+0.2}_{0}$

21.2 $^{+0.2}_{0}$

**Dimension drawings:**

5.5 max.    1.6 max.

2

7

43.5 $^{±0.5}$

48

51

5.5 max.    1.6 max.

2

7

43.5 $^{±0.5}$

48

51