

# Actuator

14-

136.025K2









## 14-136.025K2 Actuator

## **FRONT**

Front form: Round

Front bezel colour: Nature

Front bezel material: Aluminium

#### **MOUNTING**

Mounting type: Panel mounting

## **ELECTRICAL CHARACTERISTICS**

Switching voltage and switching

current:

250 VAC, 5 A (ohmic)

250 VAC, 3 A (Soldering terminal) 250 VAC, 2 A (inductive, cos(phi) = 0.7)

220 VDC, 0.1 A (inductive, L:R = 30 ms) 110 VDC, 0.2 A (inductive, L:R = 30 ms) 60 VDC, 0.7 A (inductive, L:R = 30 ms) 24 VDC, 2 A (inductive, L:R = 30 ms)

Contacts: 2 NC / 2 NO

**Rated Operational Voltage Ue:** 250 VAC/DC according to EN IEC 61058-1

Switching rating: 250 V @ 3 A

**Electrical lifetime:** 50 000 cycles of operation

Electric strength: 3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC

61058-1

Protection class:

**Standards:** According to EN/IEC 61058-1

**Thermal current Ith:**The maximum current in continuous operation and at ambient temperature not

exceeding the quoted maximum values.

3 A

### **MECHANICAL CHARACTERISTICS**

Terminal: Soldering terminal

Contact material: Gold

**Switching action:** Rest (a) - Maintained (a)

Switching system: Snap-action switching element

Switching system: Self-cleaning, double-break snap action switching system, 1 normally closed and 1

normally open contact per element.

**Switching positions:** 2 positions

**Switching angle:** 90° right

**Mechanical lifetime:** 1 Mil. cycles of operation

**Operating force:** 5 N ... 8 N, depending on the number of switching elements

**Operating Travel:** ca. 90°

**Tightening torque:** Fixing nut max. 0.25 Nm

**Weight:** 0.031 kg

#### **AMBIENT CONDITION**

IP front protection: IP65, according to DIN EN 60529

Operating temperature: -25 °C, mounted as a block, make sure the heat can escape freely

Storage temperature:  $-40 \, ^{\circ}\text{C} \dots + 85 \, ^{\circ}\text{C}$ 

Shock resistance: Max. 150 m / s<sup>2</sup>, pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-

2-27

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

**Climate resistance:** Standard condition, as per DIN EN 60068-2-78

Standard cyclic, as per DIN IEC 60068-2-30

## CERTIFICATE

Approbations: CB (IEC 61058-1), CQC, CSA, DNV, EAC, ENEC (EN 61058-1), UL, VDE

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

**REACH:** REACH compliant

RoHS: RoHS compliant

### **OTHER**

Short Description: Actuator, Round, Nature, Aluminium, anodised, 2 NC / 2 NO, Rest (a) - Maintained

Housing colour:

Black

Hints:

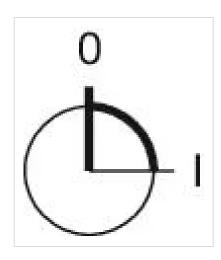
Lock numbers 1001, lock type KABA

max. number of switching

elements:

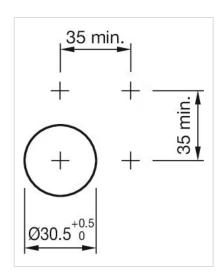
2

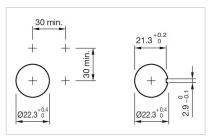
Switching positions:



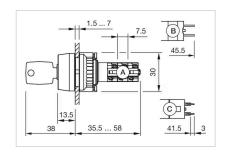
Wiring diagrams:

Mounting cut-outs:

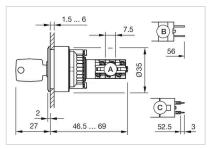




Dimension drawings:



A = Solder terminal B = Plug-in terminal 2.8 mm x 0.5 mm C = Universal terminal 2.0 mm x 0.5 mm



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