

# Actuator

22-213.011









## Your product:



# 22-213.011 Actuator

### **FRONT**

Front dimension: 36 mm x 24 mm

Front form: Rectangular

Front bezel colour: Black

Front bezel material: Plastic

#### **MOUNTING**

Design: Flush

**Mounting cut-out:** 22 mm x 30 mm

Mounting type: Panel mounting

### **OPERATING-/INDICATION PART**

Lens illumination: Optional illuminated

**ELECTRICAL CHARACTERISTICS** 

Switching voltage and switching

current:

400 VAC, 10 A (ohmic)

400 VAC, 4 A (inductive, cos(phi) = 0.7) 250 VAC, 5 A (inductive, cos(phi) = 0.7) 125 VAC, 8 A (inductive, cos(phi) = 0.7) 110 VDC, 0.4 A (inductive, L:R = 30 ms) 60 VDC, 1.5 A (inductive, L:R = 30 ms) 24 VDC, 6 A (inductive, L:R = 30 ms)

Contacts: 2 NO

Switching rating: 400 V @ 10 A

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

Electric strength: 2000 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and

earth

#### **MECHANICAL CHARACTERISTICS**

Terminal: Screw terminal

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Switching system: Self-cleaning, double-break snap action switching system (contact opening width 2

mm x 1.5 mm).

Max. 2 normally closed or 2 normally open contacts, or one of each

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

**Operating force:** 4.4 N ±1 N (1 switching element), 7.8 N ±1 N (2 switching element)

**Operating Travel:**  $5.5 \text{ mm} \pm 0.5 \text{ mm}$ 

Travel: > 3 mm

**Terminal details 1:** Max. wire cross-section 2 mm x 2.5 mm<sup>2</sup>

Max. wire cross-section of stranded cable 2 x 1.5 mm<sup>2</sup>

**Weight:** 0.049 kg

#### **AMBIENT CONDITION**

**IP Protection:** IP20 rear side, IP65 front side, according to IEC 60529

**Operating temperature:**  $-25 \, ^{\circ}\text{C} \, ... \, + 55 \, ^{\circ}\text{C}$ 

Storage temperature:  $-40 \, ^{\circ}\text{C} \dots + 95 \, ^{\circ}\text{C}$ 

**Shock resistance:** 50 g for 11 ms, according to IEC 60512-4-3

Vibration resistance: 10 g at 10 Hz...2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN

60512-4-4

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

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

**REACH:** REACH compliant

**RoHS:** RoHS compliant

OTHER

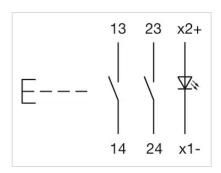
**Short Description:** Actuator, 22 mm x 30 mm, 36 mm x 24 mm, Optional illuminated, Rectangular,

Black, Plastic, 2 NO, Momentary, Screw terminal

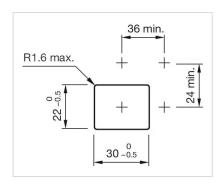
Housing colour: Black

Housing material: Plastic

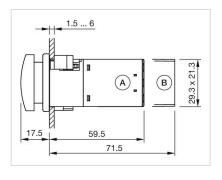
Wiring diagrams:



Mounting cut-outs:

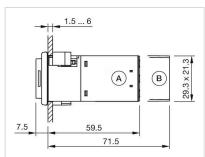


**Dimension drawings:** 



A = Screw terminal

B = Plug-in terminal 6.3 mm x 0.8 mm



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