

# Actuator

22-333.111D







## 22-333.111D Actuator

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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

#### **ELECTRICAL CHARACTERISTICS**

Switching voltage and switching 400 VAC, 10 A (ohmic)

current:

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: Rest (a) - Maintained 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 Switching positions: 2 positions Switching angle: 90° right Mechanical lifetime: 40 000 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: 0.051 kg **AMBIENT CONDITION** IP Protection: IP20 rear side, IP65 front side, according to IEC 60529 Operating temperature: - 25 °C ... + 55 °C - 40 °C ... + 95 °C Storage temperature: 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 **CERTIFICATE** 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, Rectangular, Black, Plastic, 2 NO,

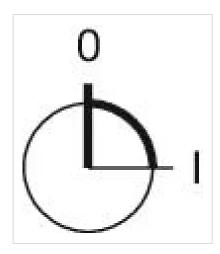
Rest (a) - Maintained, Screw terminal

Product attributes: Standard lock: DOM 311

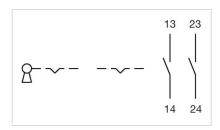
Hints:

Standard lock: DOM 311

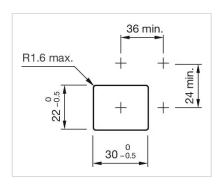
### Switching positions:



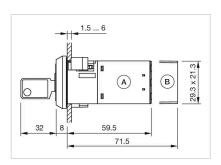
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Screw terminal B = Plug-in terminal 6.3 mm x 0.8 mm