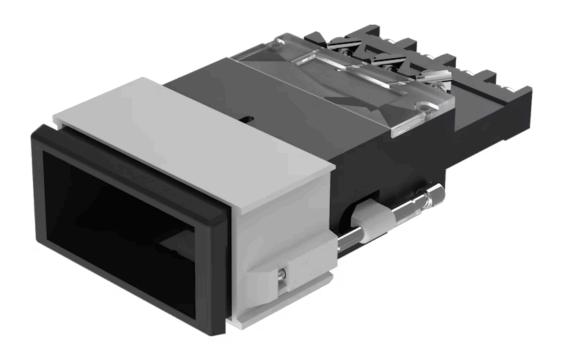


Actuator

03-

616.011









03-616.011 Actuator

PRODUCT RANGE	PR	OD	UCT	RAI	NGE
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Product Status: Not Recommended for new design

FRONT

Front form: Rectangular

Front bezel colour: Black

Front bezel material: Plastic

MOUNTING

Design: Flush

Mounting cut-out: 41.2 mm x 21.2 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Illuminated

ELECTRICAL CHARACTERISTICS

Switching voltage and switching according to UL current: 250 VAC, 10 A

according to IEC 60947-5-1

AC-12: 400 V, 10 A AC-15: 400 V, 6 A AC-15: 250 V, 8 A DC-13: 110 V, 0.4 A DC-13: 60 V, 1 A DC-13: 24 V, 3 A

Contacts: 1 (

Rated insulation voltage Ui: 400 VAC/440 VDC according to IEC 60947-5-1

Switching rating: 400 V @ 10 A

Electric strength: 2500 VAC, 50 Hz, 1 minute, as per IEC 60947-5-1 between all terminals and earth

Standards: The switches comply with the "Standards for low-voltage switching devices" EN

IEC 60947-5-1

Thermal current Ith: 10 A

MECHANICAL CHARACTERISTICS

Terminal: Screw terminal

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Switching system: 1 or 2 self-cleaning snap action switching elements.

1 or 2 double-throw contacts.

Mechanical lifetime: 2 Mil. cycles of operation

Operating force: 6 ... 12 N

Operating Travel: ca. 5 mm

Tightening torque: Fixing sleeve max. 0.2 Nm, Screw terminal 0.8 Nm

Terminal details 1: Max. wire cross-section 2 mm x 2.5 mm²

Max. wire cross-section of stranded cable 2 x 1.5 mm²

Weight: 0.076 kg

AMBIENT CONDITION

IP Protection: IP40 front side, IP65 with spray cover, according to IEC 60529

Operating temperature: $-25 \, ^{\circ}\text{C} \dots + 55 \, ^{\circ}\text{C}$, mounted as a block, make sure the heat can escape freely

Storage temperature: $-30 \, ^{\circ}\text{C} \, ... \, + \, 85 \, ^{\circ}\text{C}$

Shock resistance: 15 g for 11 ms, according to IEC 60068-2-27

Vibration resistance: 10 g at 10 Hz...2000 Hz, amplitude 1.0 mm, according to IEC 60068-2-6

CERTIFICATE

Approbations: CB (IEC 61058-1), CSA, DNV, UL

Ce, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH: REACH compliant

RoHS: RoHS compliant

OTHER

Short Description: Actuator, 41.2 mm x 21.2 mm, Illuminated, Rectangular, Black, Plastic, 1 C,

Momentary, Screw terminal

Housing colour: Black

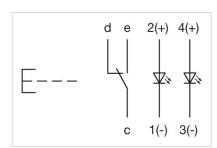
Housing material: Plastic

Hints: Has two independent lamp bases

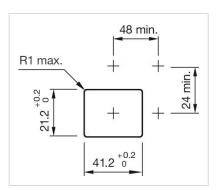
For LED element fitting information see Application guidelines, LED polarity

Light barrier ordered separately

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

