

Actuator

02-
614.011



<https://www.eao.com/p/02-614.011>

Your product:



02-614.011

Actuator

PRODUCT RANGE

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: 21.2 mm x 29.2 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Non illuminated

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current: according to UL
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: 2 C

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 I_{th}: | 10 A |

MECHANICAL CHARACTERISTICS

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Terminal: | Screw terminal |
| Contact material: | Silver |
| Switching action: | Maintained |
| 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: | 1 Mil. cycles of operation |
| Operating force: | 6 ... 12 N |
| Operating Travel: | ca. 5 mm |
| Tightening torque: | Fixing nut max. 0.2 Nm, Screw terminal 0.8 Nm |
| Terminal details 1: | Max. wire cross-section 2 mm x 2.5 mm ² Max. wire cross-section of stranded cable 2 x 1.5 mm ² |
| Weight: | 0.05 kg |

AMBIENT CONDITION

| | |
|-------------------------------|-------------------------------------------------------------------------------|
| IP Protection: | IP40 front side, IP65 with spray cover, according to IEC 60529 |
| Operating temperature: | – 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely |
| Storage temperature: | – 30 °C ... + 85 °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 60947-5-1), CENELEC CCA-NTR (EN 60947-5-1), CSA, DNV, SEV, UL |
| Conformities: | CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
| REACH: | REACH compliant |
| RoHS: | RoHS compliant |

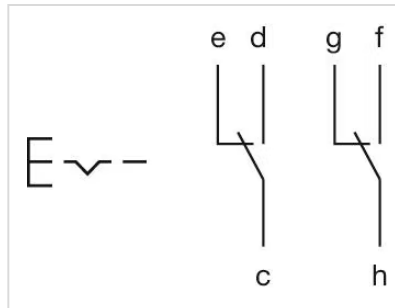
OTHER

Short Description: Actuator, 21.2 mm x 29.2 mm, Non illuminated, Rectangular, Black, Plastic, 2 C, Maintained, Screw terminal

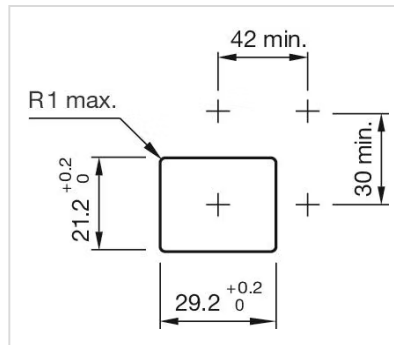
Housing colour: Black

Housing material: Plastic

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

