

Actuator

02-
612.011

Distribution by
Mouser



<https://mouser.eao.com/p/02-612.011>

Your product:



02-612.011

Actuator

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: 250 V, 8 A DC-13: 60 V, 1 A <div> AC-15: 400 V, 6 A DC-13: 110 V, 0.4 A DC-13: 24 V, 3 A </div>
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 Ith:	10 A

MECHANICAL CHARACTERISTIC

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 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

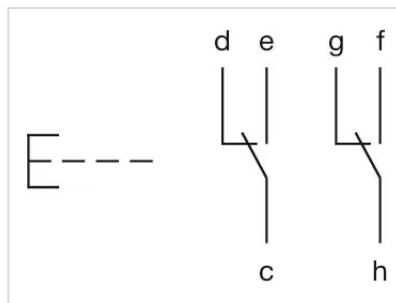
OTHER

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

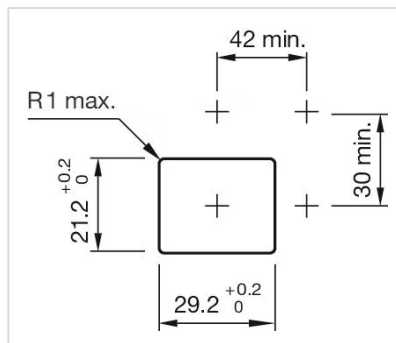
Housing colour: Black

Housing material: Plastic

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

