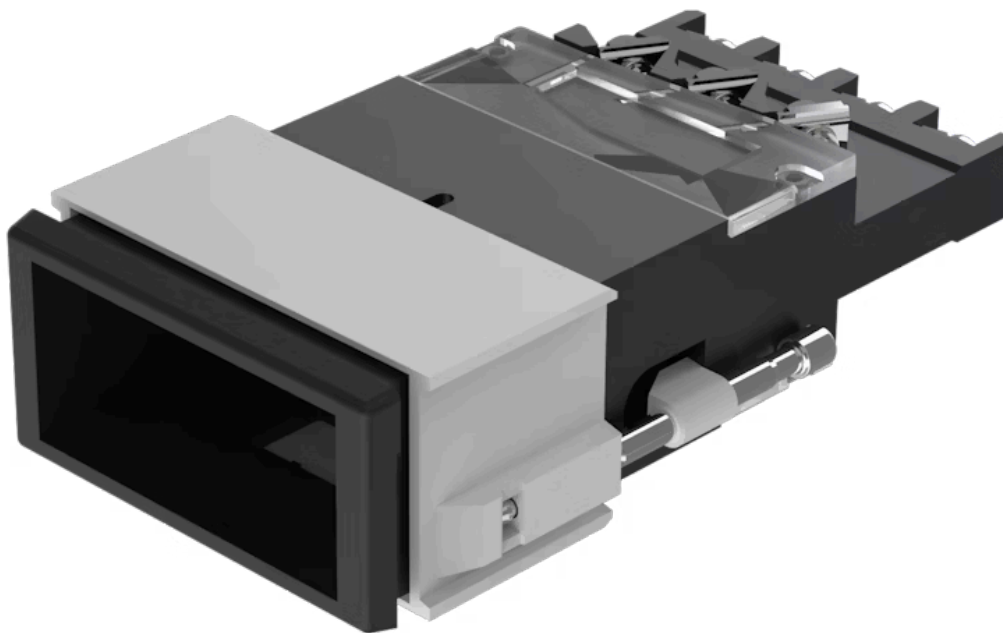


Actuator

03-
612.011

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/03-612.011>

Your product:



03-612.011

Actuator

FRONT

Front bezel material: Plastic

Front bezel colour: Black

MOUNTING

Design: flush

Mounting cut-out: 21.2 mm x 41.2 mm

OPERATING-/INDICATION PART

Lens illumination: non illuminative

ELECTRICAL CHARACTERISTICS

Contacts: 2 C

Thermal current I_{th}: 10 A

Standards: The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1

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

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

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

MECHANICAL CHARACTERISTIC

Switching system:

Snap-action switching element

Switching action:	Momentary
Switching system:	1 or 2 self-cleaning snap action switching elements. 1 or 2 double-throw contacts.
Weight:	0.065 kg
Mechanical lifetime:	2 Mio. cycles of operation
Operating Travel:	ca. 5 mm
Contact material:	Silver
Tightening torque:	Fixing sleeve max. 0.2 Nm, Screw terminal 0.8 Nm
Terminal:	Screw terminal
Operating force:	6 ... 12 N

AMBIENT CONDITION

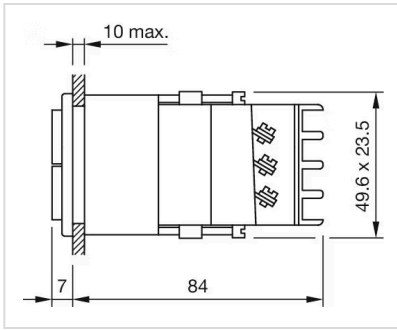
Shock resistance:	15 g for 11 ms, according to IEC 60068-2-27
IP Protection:	IP40 front side, IP65 with spray cover, according to IEC 60529
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 30 °C ... + 85 °C
Vibration resistance:	10 g at 10 Hz...2000 Hz, amplitude 1.0 mm, according to IEC 60068-2-6

CERTIFICATE

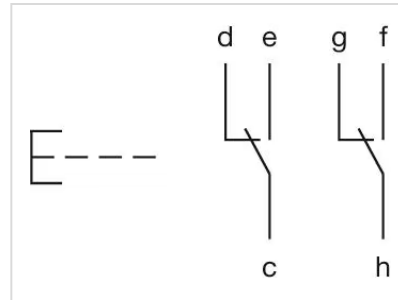
Approbations:	CB (IEC 61058-1), CSA, DNV, UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Housing material:	Plastic
Housing colour:	Black
Short Description:	Actuator, 21.2 mm x 41.2 mm, non illuminative, Black, Plastic, 2 C, Momentary, Screw terminal
Dimension drawings:	



Wiring diagrams:



Mounting cut-outs:

