

Actuator

02-
613.011

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Your product:



02-613.011

Actuator

FRONT

Front bezel colour:	Black
Front bezel material:	Plastic

MOUNTING

Mounting cut-out:	21.2 mm x 29.2 mm
Design:	flush

OPERATING-/INDICATION PART

Lens illumination:	non illuminative
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ELECTRICAL CHARACTERISTICS

Thermal current Ith:	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
Contacts:	1 C
Rated insulation voltage Ui:	400 VAC/440 VDC according to IEC 60947-5-1
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 AC-15: 400 V, 6 A DC-13: 110 V, 0.4 A DC-13: 24 V, 3 A

MECHANICAL CHARACTERISTIC

Mechanical lifetime:

1 Mio. cycles of operation

Operating Travel:	ca. 5 mm
Terminal:	Screw terminal
Operating force:	6 ... 12 N
Tightening torque:	Fixing nut max. 0.2 Nm, Screw terminal 0.8 Nm
Contact material:	Silver
Weight:	0.045 kg
Switching system:	Snap-action switching element
Switching system:	1 or 2 self-cleaning snap action switching elements. 1 or 2 double-throw contacts.
Switching action:	Maintained

AMBIENT CONDITION

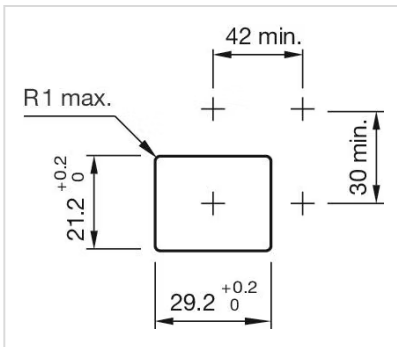
Vibration resistance:	10 g at 10 Hz...2000 Hz, amplitude 1.0 mm, according to IEC 60068-2-6
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
IP Protection:	IP40 front side, IP65 with spray cover, according to IEC 60529
Storage temperature:	– 30 °C ...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

CERTIFICATE

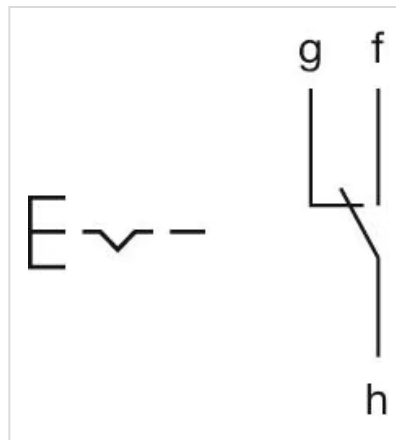
Approbations:	CB (IEC 60947-5-1), CENELEC CCA-NTR (EN 60947-5-1), CSA, DNV, SEV, UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Short Description:	Actuator, 21.2 mm x 29.2 mm, non illuminative, Black, Plastic, 1 C, Maintained, Screw terminal
Housing material:	Plastic
Housing colour:	Black
Mounting cut-outs:	



Wiring diagrams:



Dimension drawings:

