

Actuator

14-
521.0360



<https://eao.com/p/14-521.0360>

Your product:



14-521.0360

Actuator

FRONT

Front bezel colour:	Nature
Front form:	round
Front bezel material:	Aluminium

MOUNTING

Mounting type:	Panel mounting
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OPERATING-/INDICATION PART

Lever shape:	short
Lever material:	plastic
Lever colour:	Black

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	100 mA at 42 VAC/VDC
Protection class:	II
Electric strength:	3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1
Contacts:	2 NC

MECHANICAL CHARACTERISTIC

Wire cross section:	Max. wire diameter 2 wires of 1 mm Max. wire cross-section of stranded cable 2 x 0.75 mm ²
Operating force:	3 N ... 4 N, depending on the number of switching elements

Switching system:	<p>This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from a few $\mu\text{A}/\mu\text{V}$ up to 100 mA/ 42 VAC/DC.</p> <p>Single-break momentary contact, as normally open or normally closed with 4 independent points of contact. 2 momentary contacts per switching element; combination of normally open and normally closed is possible.</p> <p>Special features are the long life, extremely short rebound time and stable contact resistance.</p>
Contact material:	Gold
Switching positions:	2 positions
Tightening torque:	Fixing nut max. 0.25 Nm
Weight:	0.025 kg
Switching system:	Low-level element
Switching action:	Rest - Maintained
Mechanical lifetime:	1 Mio. cycles of operation
Terminal:	Universal terminal, 2 x 0.5 mm
Switching angle:	90° right

AMBIENT CONDITION

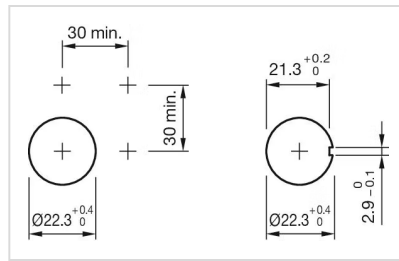
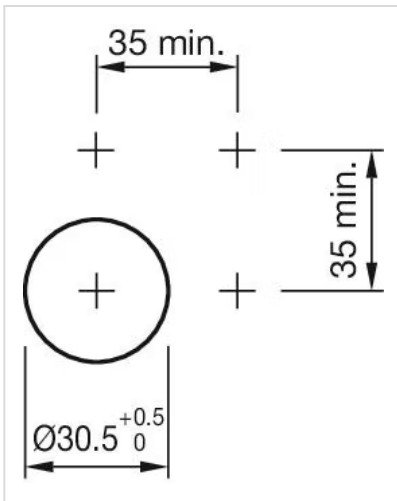
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	Max. 150 m / s ² , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
IP front protection:	IP67, according to DIN EN 60529

CERTIFICATE

Conformities:	2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
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OTHER

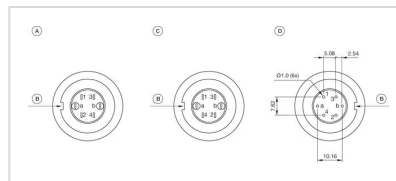
Hints:	The colour of anodised aluminium parts can vary due to technical production reasons
Short Description:	Actuator, non illuminative, Black, short, round, Nature, Aluminium, anodised, 2 NC, Rest - Maintained, Universal terminal, 2 x 0.5 mm, IP67, according to DIN EN 60529
Mounting cut-outs:	



Wiring diagrams:

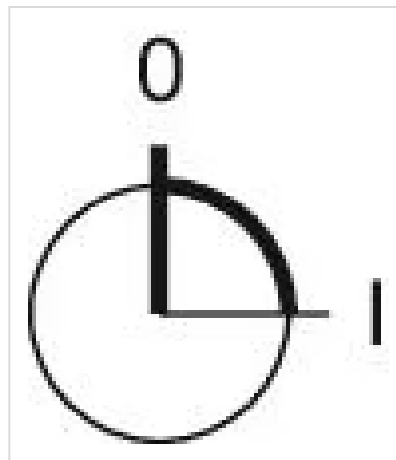


Component layouts:

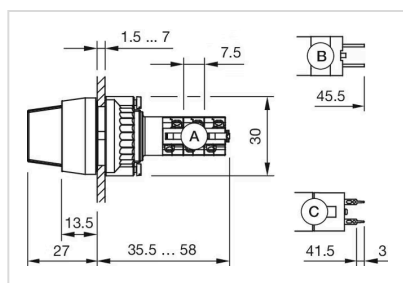


A = Terminals (rear side)
 B = Anti twist device
 C = Diode block
 D = Drilling plan (component side)

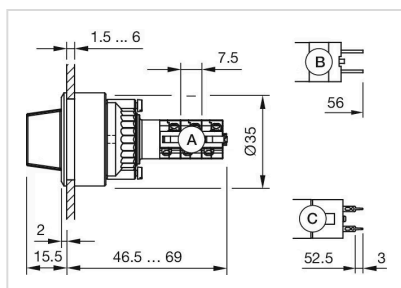
Switching positions:



Dimension drawings:



A = Solder terminal
 B = Plug-in terminal 2.8 x 0.5 mm
 C = Universal terminal 2.0 mm x 0.5 mm



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