

Actuator

14-
515.0360

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Your product:



14-515.0360

Actuator

FRONT

Front bezel colour:	Nature
Front bezel material:	Aluminium

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	100 mA at 42 VAC/VDC
Electric strength:	3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1
Protection class:	II
Contacts:	2 NO

MECHANICAL CHARACTERISTIC

Switching system:	Low-level element
Tightening torque:	Fixing nut max. 0.25 Nm
Mechanical lifetime:	5 Mio. cycles of operation
Weight:	0.025 kg
Contact material:	Gold
Switching positions:	2 positions
Operating force:	3 N ... 4 N, depending on the number of switching elements

Wire cross section:	Max. wire diameter 2 wires of 1 mm Max. wire cross-section of stranded cable 2 x 0.75 mm ²
Switching action:	Rest - Momentary
Switching angle:	42° right
Terminal:	Universal terminal, 2 x 0.5 mm
Switching system:	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. 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. Special features are the long life, extremely short rebound time and stable contact resistance.

AMBIENT CONDITION

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

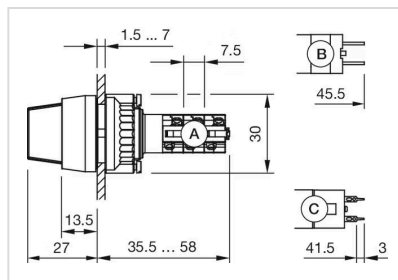
CERTIFICATE

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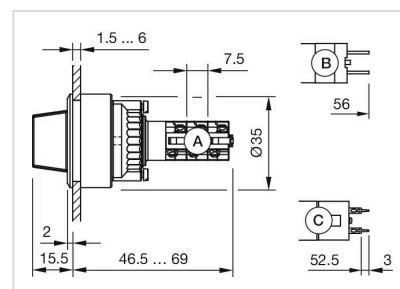
OTHER

Short Description:	Actuator, non illuminative, Black, short, Nature, Aluminium, anodised, 2 NO, Rest - Momentary, Universal terminal, 2 x 0.5 mm, IP67, according to DIN EN 60529
Hints:	The colour of anodised aluminium parts can vary due to technical production reasons

Dimension drawings:

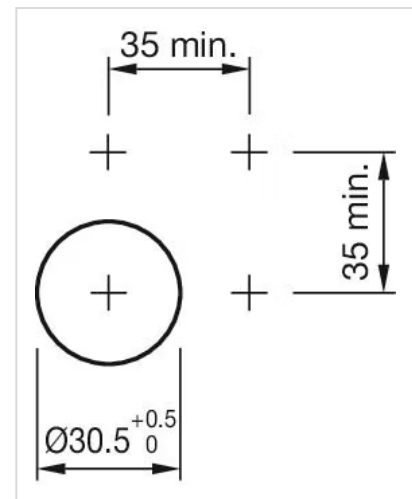
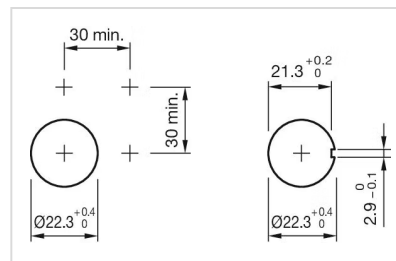


A = Solder terminal
B = Plug-in terminal 2.8 x 0.5 mm
C = Universal terminal 2.0 mm x 0.5 mm

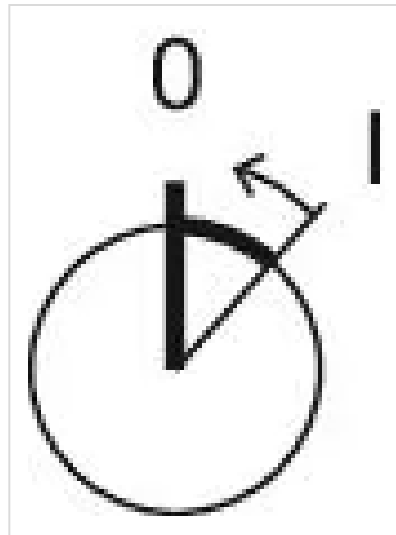


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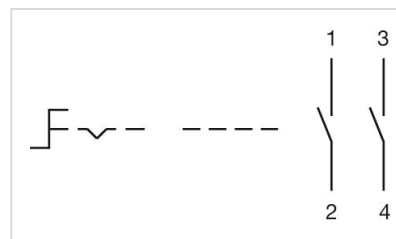
Mounting cut-outs:



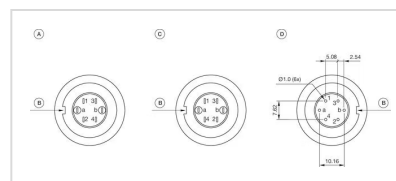
Switching positions:



Wiring diagrams:



Component layouts:



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