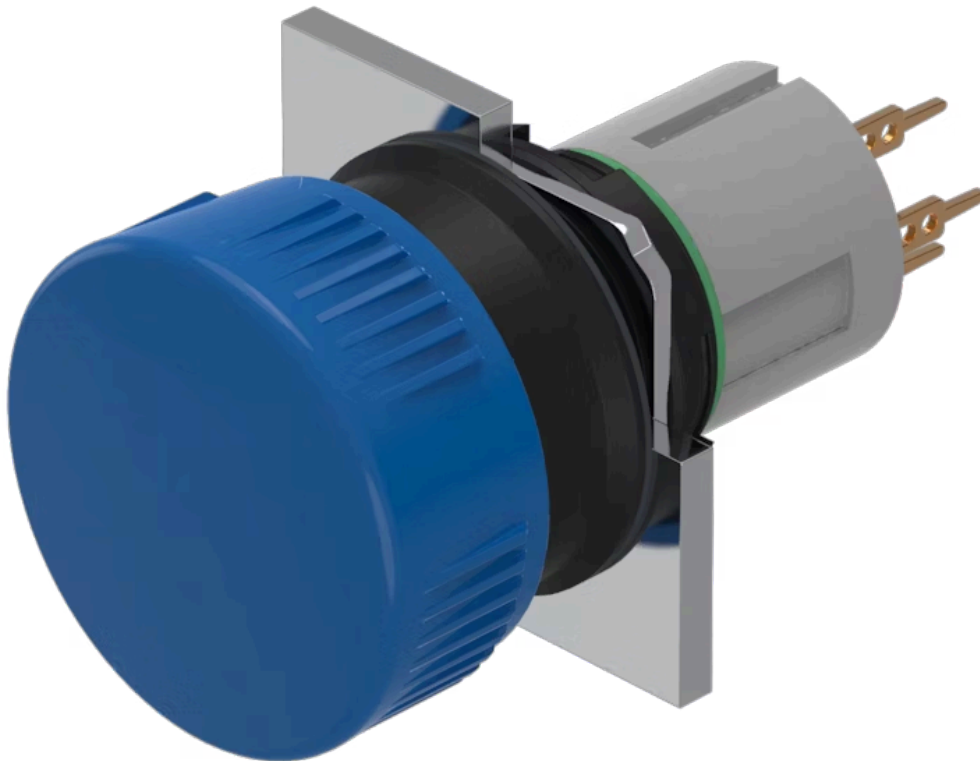


Actuator

51-
153.0266

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/51-153.0266>

Your product:



51-153.0266 Actuator

FRONT

Front dimension:	Ø 24,5 mm
Front bezel colour:	Black
Front bezel material:	Plastic

MOUNTING

Design:	raised
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OPERATING-/INDICATION PART

Lens material:	Plastic
Lens illumination:	non illuminative
Lens shape:	mushroom-head
Lens optics:	opaque
Lens colour:	Blue

ELECTRICAL CHARACTERISTICS

Electric strength:	2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15
Contacts:	1 NC / 1 NO
Switching voltage and switching current:	100 mA at 42 VAC/VDC

MECHANICAL CHARACTERISTIC

Terminal:	Universal terminal, 2 x 0.5 mm
Mechanical lifetime:	

5 Mio. cycles of operation

Weight: 0.008 kg

Switching system: Low-level element

Tightening torque: Fixing nut max. 0.5 Nm

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.

Operating force: 1,8 ... 3,5 N

Operating Travel: 3 mm

Switching action: Momentary

Contact material: Gold

AMBIENT CONDITION

Operating temperature: – 25 °C ... + 55 °C

Shock resistance: 15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)

Storage temperature: – 40 °C ... + 85 °C

IP front protection: IP65, according to DIN EN 60529

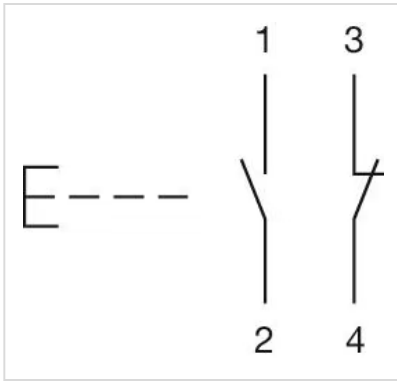
OTHER

Short Description: Actuator, Ø 24,5 mm, mushroom-head, non illuminative, Blue, Plastic, opaque, Black, Plastic, 1 NC / 1 NO, Momentary, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

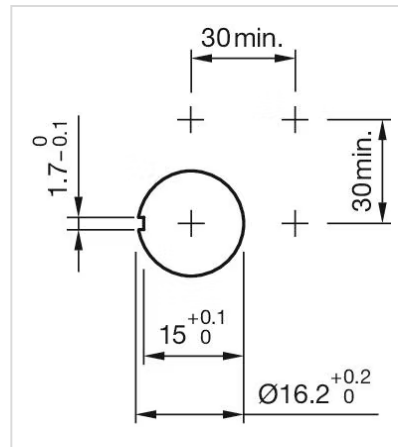
Housing colour: Black

Hints: If the anti-twist ring is not used the panel thickness increases to 4 mm

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

