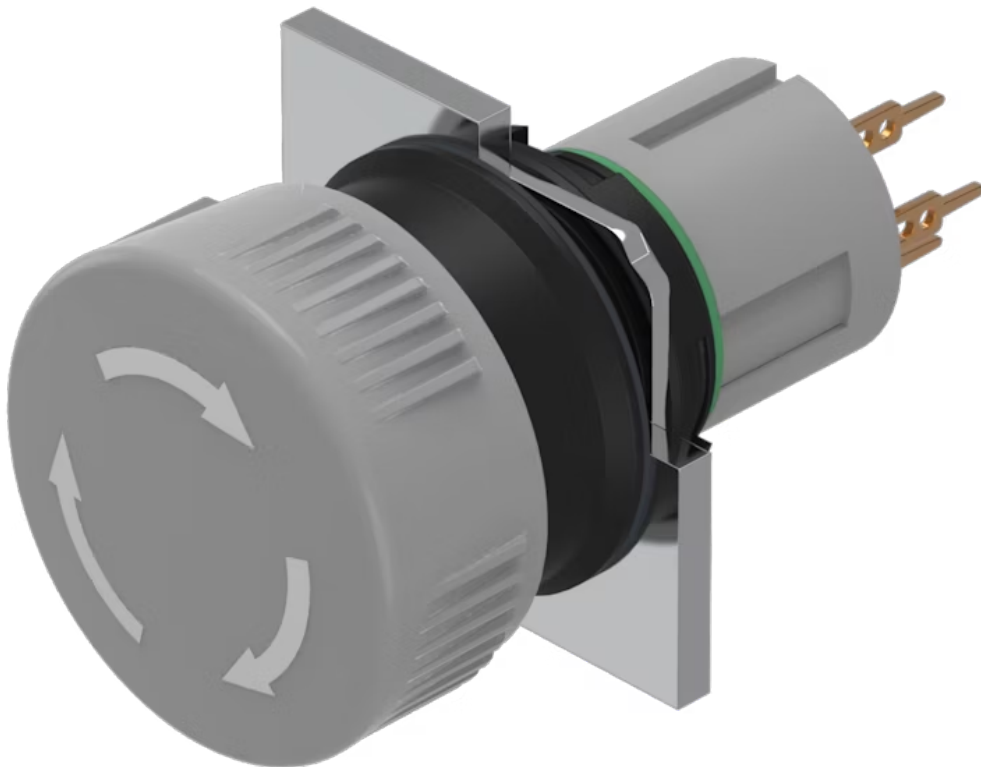


Actuator

51-
253.0268

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/51-253.0268>

Your product:



51-253.0268 Actuator

FRONT

Front dimension: Ø 24,5 mm

MOUNTING

Design: raised

OPERATING-/INDICATION PART

Lens colour: Grey

Lens optics: opaque

Lens illumination: non illuminative

Lens material: Plastic

Lens shape: mushroom-head

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current: 100 mA at 42 VAC/VDC

Contacts: 1 NC / 1 NO

MECHANICAL CHARACTERISTIC

Switching system: Low-level element

Switching action: Maintained

Mechanical lifetime: 1 Mio. cycles of operation

Operating Travel: 3 mm

Weight: 0.011 kg

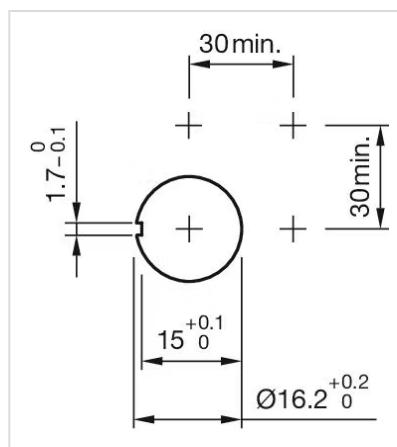
Contact material:	Gold
Tightening torque:	Fixing nut max. 0.5 Nm
Switching system:	This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from a few $\mu\text{A}/\mu\text{V}$ up to 100 mA/ 42 VAC/DC. Single-break 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
Terminal:	Universal terminal, 2 x 0.5 mm

AMBIENT CONDITION

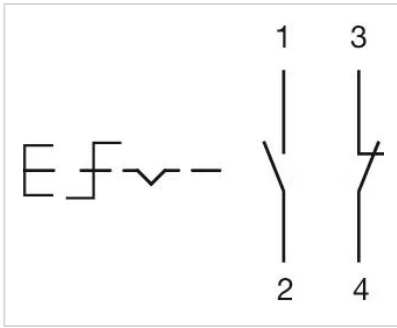
IP front protection:	IP65, according to DIN EN 60529
Storage temperature:	- 40 °C ... + 85 °C
Operating temperature:	- 25 °C ... + 55 °C

OTHER

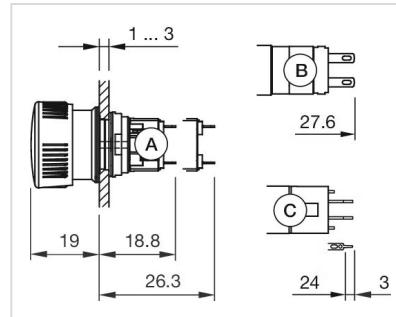
Housing colour:	Black
Hints:	Marking arrows
Short Description:	Actuator, Ø 24,5 mm, mushroom-head, non illuminative, Grey, Plastic, opaque, 1 NC / 1 NO, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529
Mounting cut-outs:	



Wiring diagrams:



Dimension drawings:



A = Solder terminal

B = Plug-in terminal 2.8 mm x 0.5 mm

C = Universal terminal 2.0 mm x 0.5 mm