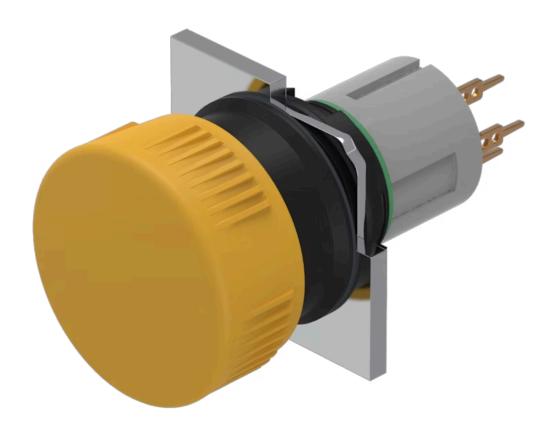


Actuator

51-156.0264







51-156.0264 Actuator

Plastic

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Front dimension:Ø 24,5 mmFront form:RoundFront bezel colour:Black

MOUNTING

Front bezel material:

Design: Raised

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination:

Lens colour: Yellow

Lens material: Plastic

Lens shape: Mushroom-head

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

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

Contacts: 1 NC

Switching rating: 42 V @ 0,1 A

Electric strength: 2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-

1, part 15

Non illuminated

MECHANICAL CHARACTERISTICS

Terminal: Universal terminal, 2 x 0.5 mm Contact material: Gold Momentary Switching action: Switching system: Low-level element 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 $\mu A/\mu V$ 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 contactsper 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. Mechanical lifetime: 5 Mil. cycles of operation 1,8 ... 3,5 N **Operating force: Operating Travel:** 3 mm **Tightening torque:** Fixing nut max. 0.5 Nm Terminal details 1: The universal terminals permit these units to be mounted on printed circuit boards (PCB). These terminals can also be used as soldering or plug-in terminals. For these terminals we can also supply a plug-in base which, when soldered on to the board, enables the switch to be plugged in. Weight: 0.014 kg **AMBIENT CONDITION** IP65, according to DIN EN 60529 IP front protection: - 25 °C ... + 55 °C Operating temperature: - 40 °C ... + 85 °C Storage temperature: Shock resistance: 15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal) **CERTIFICATE REACH:** REACH compliant RoHS: RoHS compliant **OTHER**

according to DIN EN 60529

Actuator, Ø 24,5 mm, Mushroom-head, Non illuminated, Yellow, Plastic, opaque, Round, Black, Plastic, 1 NC, Momentary, Universal terminal, 2 x 0.5 mm, IP65,

Housing colour:

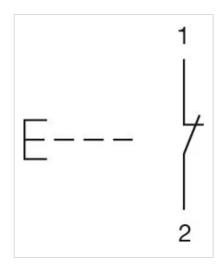
Short Description:

Black

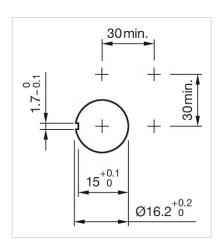
Hints:

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

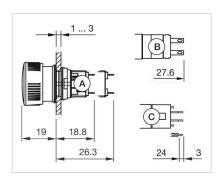
Wiring diagrams:



Mounting cut-outs:



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