Your Expert Partner for Human Machine Interfaces

Actuator

19-432.035 Distribution by DigiKey









19-432.035 Actuator

Front dimension: \varnothing 9 mm

Front form: Round

Front bezel colour: Black

Front bezel material: Plastic

MOUNTING

Design: Raised

Mounting cut-out: Ø 8 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Illuminated

ELECTRICAL CHARACTERISTICS

Switching voltage and switching

current:

100 mA at 42 VAC/VDC

Contacts: 1 NC

Switching rating: 50 V @ 0,1 A

Electric strength: 2500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and

earth

MECHANICAL CHARACTERISTICS

Terminal: Plug-in terminal, 2 x 0.5 mm

Contact material:

Gold

Switching action: Momentary

Switching system: Low-level element

Switching system: This low-level switching element was developed for low switching voltages and

currents.

Single-break momentary contact, as normally open or normally closed with 4

independent points of contact.

Mechanical lifetime: 5 Mil. cycles of operation

Operating force: $1.8 \text{ N} \pm 0.3 \text{ N}$

Operating Travel: ca. 2.8 mm \pm 0.2 mm

Tightening torque: Fixing nut max. 0.2 Nm

Wire cross section: Max. wire diameter 2 wires à 0.8 mm

Max. wire cross-section of stranded cable 1 x 0.75 mm²

Weight: 0.002 kg

AMBIENT CONDITION

IP Protection: IP40 front side, according to DIN EN 60529

Operating temperature: -25 °C ... + 45 °C with filament lamp, -25 °C ... + 65 °C with LED, -25 °C ... +

65 °C without illumination, mounted as a block, make sure the heat can escape

freely

Storage temperature: $-40 \, ^{\circ}\text{C} \dots + 85 \, ^{\circ}\text{C}$

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

sinusoidal)

CERTIFICATE

Conformities: 2011 / 65 / EC (RoHS)

REACH: REACH compliant

RoHS: RoHS compliant

OTHER

Short Description: Actuator, Ø 8 mm, Ø 9 mm, Illuminated, Round, Black, Plastic, 1 NC, Momentary,

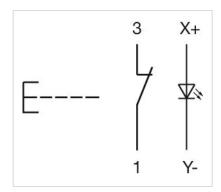
Plug-in terminal, 2 x 0.5 mm

Internal size: Ø 7,3 mm

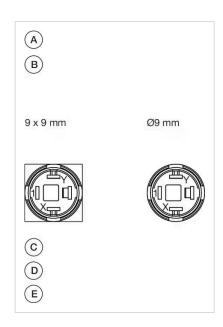
Housing colour: Black

Housing material: Plastic

Wiring diagrams:



Component layouts:

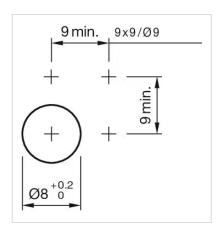


A = Terminals (rear side)

B = IIIuminated pushbutton<math>C = x = Contact No.

D = 2 = Normally open E = 4 = Normally close

Mounting cut-outs:



Dimension drawings:

