

Actuator

18-138.035







18-138.035 Actuator

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Product Status: Phase-out

FRONT

Front dimension: Ø 9 mm

Front form: Round

Front bezel colour: Black

Front bezel material: Plastic

MOUNTING

Design: Raised

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Illuminated

ELECTRICAL CHARACTERISTICS

Switching voltage and switching 100 mA at 42 VAC/VDC

current:
Contacts:

1 NC

Switching rating:

42 V @ 0,1 A

Electrical lifetime:

 ${\geq}500~000$ cycles of operation at 30 VDC, 100 mA, according to IEC 61058-1

Electric strength:

500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth

MECHANICAL CHARACTERISTICS

Terminal:	Soldering terminal		
Contact material:	Gold		
Switching action:	Momentary		
Switching system:	Snap-action switching element		
Switching system:	The snap-action switching system was designed for switching low powers in electronic circuits. Single-break snap-action contact.		
Mechanical lifetime:	2 Mil. cycles of operation		
Operating force:	1.4 N		
Operating Travel:	ca. 2.2 mm ± 0.2 mm		
Tightening torque:	Fixing nut max. 0.2 Nm		
Wire cross section:	Max. wire cross-section 2 wires with 0.5 mm Max. wire cross-section of stranded cable 1 x 0.75 mm² Wire cross-section of terminal 1,6 x 0,4 mm²		
Weight:	0.002 kg		
AMBIENT CONDITION			
IP front protection:	IP40, according to IEC 60529		
Operating temperature:	– 25 °C + 65 °C		
Storage temperature:	– 40 °C + 80 °C		
Shock resistance:	50 g for 11 ms, as per DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)		
Vibration resistance:	10 g at 10 Hz2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN 60512-4-4		
CERTIFICATE			
Conformities:	2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) for version 230 VAC		
REACH:	REACH compliant		
RoHS:	RoHS compliant		
OTHER			

Actuator, \varnothing 9 mm, Illuminated, Round, Black, Plastic, 1 NC, Momentary, Soldering terminal, IP40, according to IEC 60529

Internal size: Ø 7,5 mm

Housing colour: Black

Short Description:

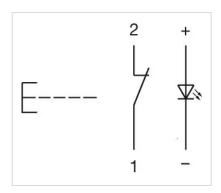
Housing material:

Plastic

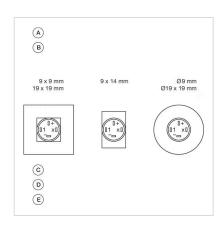
Product attributes:

+/- terminals are not connected

Wiring diagrams:



Component layouts:



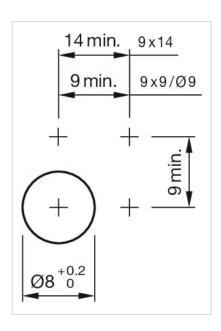
A = Terminals (rear side)

B = Illuminated pushbutton

C = x = Contact No.

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

Mounting cut-outs:



Dimension drawings:

