Your Expert Partner for **Human Machine Interfaces**

Actuator

31-
433.036



https://www.eao.com/component/31-433.036/en/a...

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Your product:



31-433.036
Actuator

PRODUCT RANGE

Product Status:	Phase-out
successor product:	https://www.eao.com/component/51-433.036/en/actuator

FRONT

Front dimension:	Ø 18 mm
Front form:	Round
Front bezel colour:	Black
Front bezel material:	Plastic

MOUNTING

Design:	Raised
Mounting cut-out:	Ø 16 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens illumination:	Illuminated

ELECTRICAL CHARACTERISTICS

Contacts:	1 NC / 1 NO
Switching rating:	42 V @ 0,1 A
Standards:	According to EN/IEC 61058-1

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MECHANICAL CHARACTERISTICS

Terminal:	Universal terminal, 2 x 0.5 mm
Contact material:	Gold
Switching action:	Momentary
Switching system:	Low-level element
Mechanical lifetime:	5 Mil. cycles of operation
Operating force:	3 N ... 3.5 N
Operating Travel:	ca. 3 mm
Tightening torque:	Fixing nut max. 0.5 Nm
Wire cross section:	Max. wire diameter 2 wires à 0.8 mm Max. wire cross-section of stranded cable 1 x 0.75 mm^2
Weight:	0.006 kg

AMBIENT CONDITION

IP Protection:	IP40 front side, IP67 with front protective cap
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 40 °C ... + 85 °C
Climate resistance:	Standard condition according to IEC 60068-2-3 Changing condition according to IEC 60068-2-14

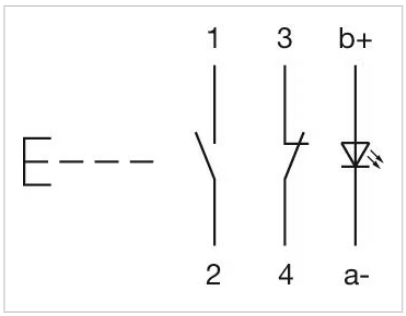
CERTIFICATE

Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

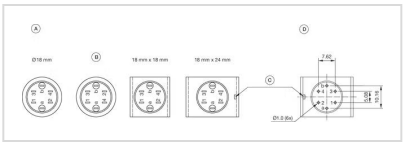
OTHER

Short Description:	Actuator, Ø 16 mm, Ø 18 mm, Illuminated, Round, Black, Plastic, 1 NC / 1 NO, Momentary, Universal terminal, 2 x 0.5 mm
Internal size:	Ø 15,8 mm
Housing colour:	Black
max. number of switching elements:	1
Wiring diagrams:	

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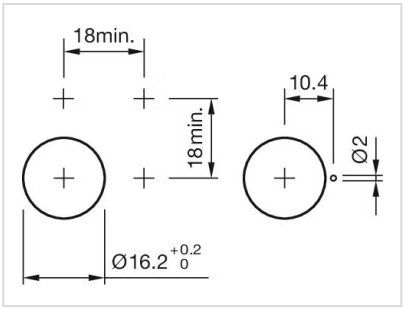


Component layouts:

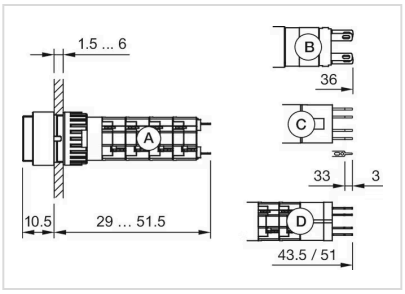


A = Terminals (rear side)
B = Diode block
C = Anti twist device only 18 mm x 24 mm
D = Drilling plan (component side)

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
D = Universal-Solder terminal

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