

Actuator

31-431.036







31-431.036 Actuator

PRODUCT RANGE	P	R	O	D	U	CT	R	AN	IG I	E
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Product Status: Not Recommended for new design

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: 2 NO

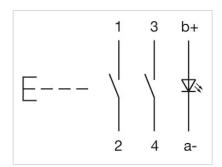
Switching rating: 42 V @ 0,1 A

Standards: According to EN/IEC 61058-1

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 mm²			
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, 2 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:



Component layouts:



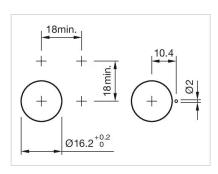
A = Terminals (rear side)

B = Diode block

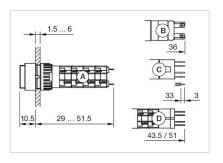
C = Anti twist device only 18 mm x 24 mm

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