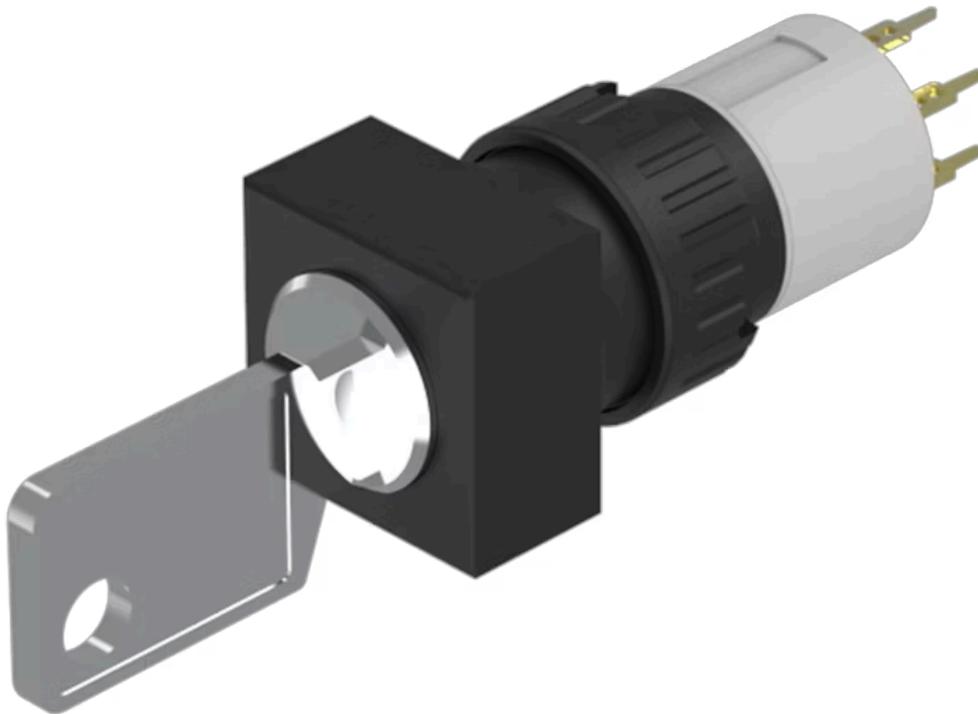


Actuator

51-
442.036DF



<https://eao.com/p/51-442.036DF>

Your product:



51-442.036DF Actuator

FRONT

Front dimension: 18 mm x 18 mm

Front form: square

MOUNTING

Design: flush

Mounting cut-out: 21 mm x 21 mm

Mounting type: Panel mounting

ELECTRICAL CHARACTERISTICS

Contacts: 1 NC / 1 NO

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

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

Electrostatic discharge (ESD): ≤ 15 kV

MECHANICAL CHARACTERISTIC

Terminal: Universal terminal, 2 x 0.5 mm

Contact material: Gold

Switching action: Rest (a) - Maintained (a)

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 $\mu\text{A}/\mu\text{V}$ 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 contacts per 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.

Switching positions:	2 positions
Switching angle:	90° right
Mechanical lifetime:	50 000 cycles of operation
Operating force:	1,8 ... 3,5 N
Tightening torque:	Fixing nut max. 0.5 Nm
Weight:	0.016 kg

AMBIENT CONDITION

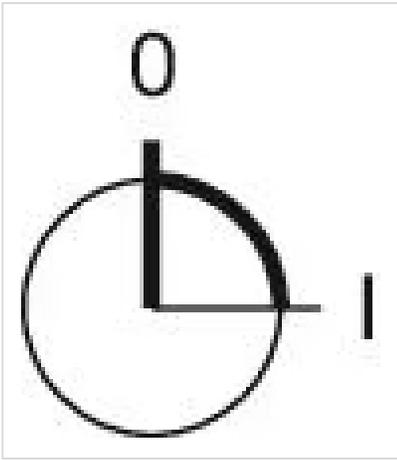
IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	- 25 °C ... + 55 °C
Storage temperature:	- 40 °C ... + 85 °C
Shock resistance:	15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)

CERTIFICATE

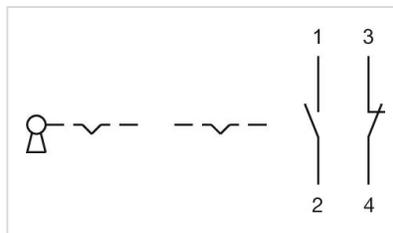
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

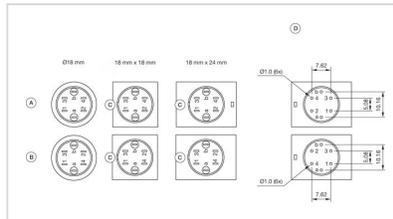
Short Description:	Actuator, 21 mm x 21 mm, 18 mm x 18 mm, square, 1 NC / 1 NO, Rest (a) - Maintained (a), Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529
Housing colour:	Black
Hints:	Standard lock: DOM 311
Switching positions:	



Wiring diagrams:

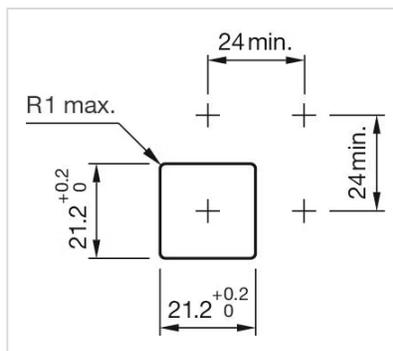


Component layouts:



A = Universal terminal (rear side)
 B = Plug-in terminal (rear side)
 C = Anti twist device
 D = Drilling plan

Mounting cut-outs:



Dimension drawings:

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Switch Actuators](#) category:

Click to view products by [EAO](#) manufacturer:

Other Similar products are found below :

[LW1B-A0L](#) [LW1B-M0](#) [9PA24](#) [A019307](#) [HW1F-3G](#) [HW4L-M0](#) [200-.704-00](#) [JS-10008](#) [JS-10083](#) [JS-10118](#) [JS-10133](#) [JS-10277](#) [JS-150](#)
[JS-552](#) [JS-555](#) [JS-6-B](#) [JS-91](#) [JS-94](#) [SAPT654133](#) [SW53AA2](#) [LW2L-A0](#) [468-10243-001](#) [317-1153-017](#) [JM-13](#) [JS-138-B](#) [JS-143-B](#) [JS-49](#)
[JS-551](#) [JS-5-C](#) [KRR12](#) [LLDPZ00-000](#) [500-102](#) [030-2196-006](#) [110164](#) [51-378.FAD](#) [0714-0260](#) [6PA187-E6](#) [JS-85](#) [SAPT654133/BLK](#)
[FS/012-016](#) [3SU1030-0AA30-0AA0](#) [3SU1030-0AA60-0AA0](#) [52PP3W1](#) [VH1-01-XP](#) [110163](#) [CW4P-00](#) [KRR22NXXXX](#) [JS-556](#) [A018327](#)
[SMCA2DP](#)