Your Expert Partner for **Human Machine Interfaces**

Actuator

Distribution by
DigiKey

51-
481.036F



https://digikey.eao.com/p/51-481.036F

Your product:



51-481.036F
Actuator

MOUNTING

Design:	flush

OPERATING-/INDICATION PART

Lens illumination:	illuminative

ELECTRICAL CHARACTERISTICS

Electric strength:	2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15
Contacts:	2 NO
Switching voltage and switching current:	100 mA at 42 VAC/VDC

MECHANICAL CHARATERISTIC

Operating force:	1,8 ... 3,5 N
Contact material:	Gold
Operating Travel:	3 mm
Switching action:	Maintained
Terminal:	Universal terminal, 2 x 0.5 mm
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 µA/µV 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 contactsper 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.
Mechanical lifetime:	

1 Mio. cycles of operation

Weight: 0.006 kg

Tightening torque: Fixing nut max. 0.5 Nm

AMBIENT CONDITION

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

Storage temperature: – 40 °C ... + 85 °C

Operating temperature: – 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely

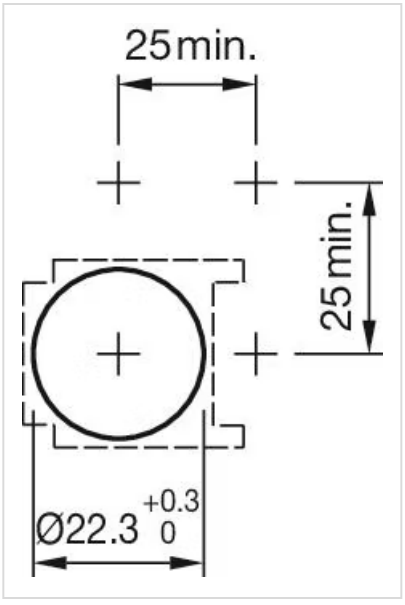
IP front protection: IP65, according to DIN EN 60529

OTHER

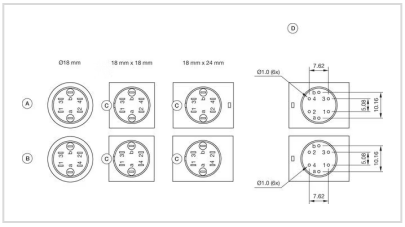
Housing colour: Black

Short Description: Actuator, illuminative, 2 NO, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

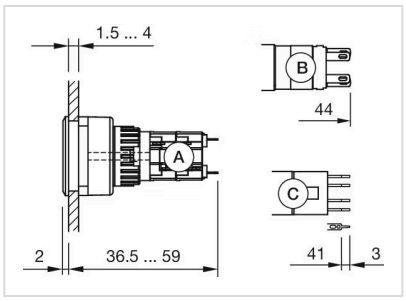
Mounting cut-outs:



Component layouts:



Dimension drawings:



Wiring diagrams:

