

Actuator

51-
486.036F

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/component/51-486.036F...>

Your product:

51-486.036F Actuator

Loading . .

MOUNTING

Design: Flush
Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Illuminated

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current: 100 mA at 42 VAC/VDC
Contacts: 1 NC
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

MECHANICAL CHARACTERISTICS

Terminal: Universal terminal, 2 x 0.5 mm
Contact material: Gold
Switching action: Maintained
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.
Mechanical lifetime: 1 Mil. cycles of operation (RCC/RPB)

Operating force:	1,8 ... 3,5 N
Operating Travel:	3 mm
Tightening torque:	Fixing nut max. 0.5 Nm
Terminal details 1:	The universal terminals permit these units to be mounted on printed circuit boards (PCB). These terminals can also be used as soldering or plug-in terminals. For these terminals we can also supply a plug-in base which, when soldered on to the board, enables the switch to be plugged in.
Weight:	0.006 kg

AMBIENT CONDITION

IP front protection:	IP65, according to DIN EN 60529
Operating temperature:	- 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
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, Illuminated, 1 NC, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

Housing colour: Black

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:



- A = Solder terminal
- B = Plug-in terminal 2.8 mm x 0.5 mm
- C = Universal terminal 2.0 mm x 0.5 mm