

Actuator

51-
456.036F

Distribution by
Rs-online



<https://rs-online.eao.com/p/51-456.036F>

Your product:



51-456.036F Actuator

MOUNTING

Design:	Flush
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens illumination:	Illuminated
---------------------------	-------------

ELECTRICAL CHARACTERISTICS

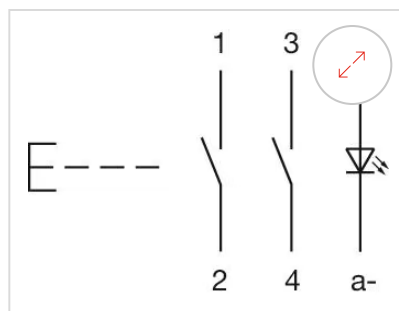
Switching voltage and switching current:	100 mA at 42 VAC/VDC
Contacts:	1 NC
Switching rating:	42 V @ 0,1 A
Electric strength:	2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15

MECHANICAL CHARATERISTIC

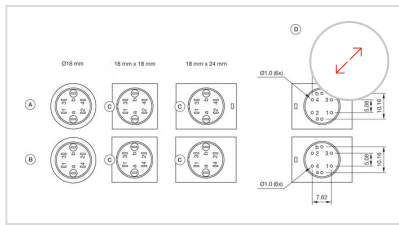
Terminal:	Universal terminal, 2 x 0.5 mm
Contact material:	Gold
Switching action:	Momentary
Switching system:	Low-level element
Switching system:	This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from 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:	

Operating force:	1,8 ... 3,5 N
Operating Travel:	3 mm
Tightening torque:	Fixing nut max. 0.5 Nm

Weight: 0.016 kg

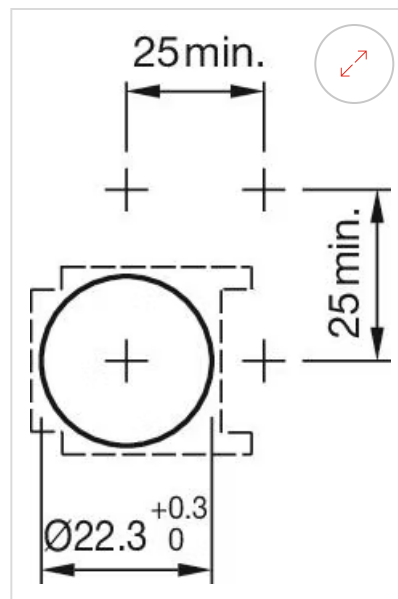
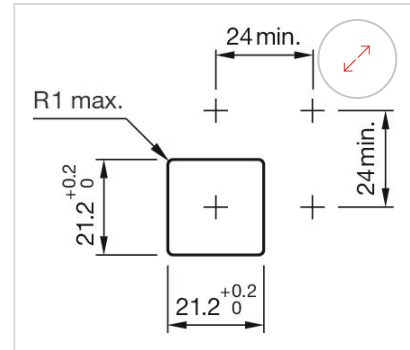
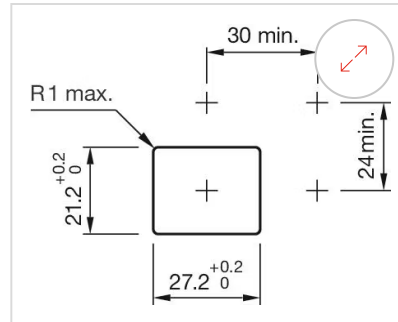


Component layouts:

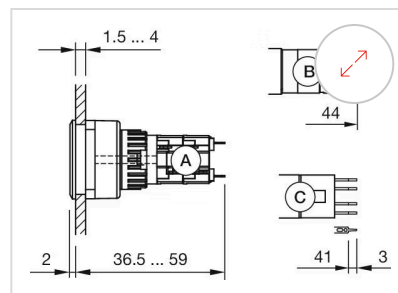


A = Universal terminal (rear side)
 B = Plug-in terminal (rear side)
 C = Anti twist device
 D = Drilling plan

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