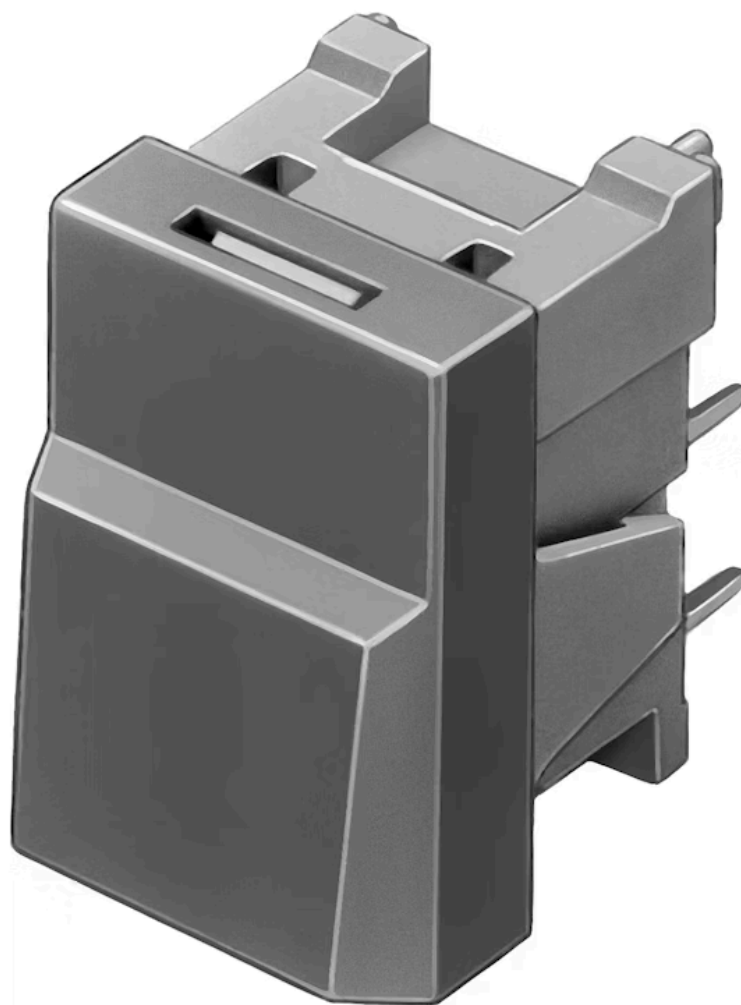


Switching element

96-323.837

Distribution by
Mouser



<https://mouser.eao.com/p/96-323.837>

Your product:



96-323.837

Switching element

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Contact resistance:	New state $\leq 100 \text{ m}\Omega$, as per DIN / IEC 60512-2-2b
Switching rating:	42 V DC @ 0,1 A
Electrical lifetime:	$\geq 5 \times 100\,000$ cycles of operation at 30 VDC, 100 mA, according to IEC 61058-1
Electric strength:	500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth
Thermal current Ith:	100 mA

MECHANICAL CHARACTERISTIC

Terminal:	PCB terminal
Contact material:	Gold
Switching system:	Snap-action switching element
Switching system:	Single-break, self-cleaning, snap-action switching element with tactile feel of operation.
Mechanical lifetime:	$\geq 5 \text{ Mil.}$ cycles of operation, according to IEC 60512-5-9a
Operating force:	1.4 N ± 0.3 N
Operating Travel:	Lead distance 1.0 mm ± 0.3 mm, Total distance 1.7 mm ± 0.5 mm
Weight:	0.002 kg

AMBIENT CONDITION

IP front protection:	IP67, according to IEC 60529
Operating temperature:	$-25 \text{ }^{\circ}\text{C} \dots +85 \text{ }^{\circ}\text{C}$
Storage temperature:	$-40 \text{ }^{\circ}\text{C} \dots +85 \text{ }^{\circ}\text{C}$
Shock resistance:	$\geq 30 \text{ g}$ for 11 ms, according to IEC 60512-4-3 (Single impacts, semi-sinusoidal)

10 g at 10 Hz...2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN 60512-4-4

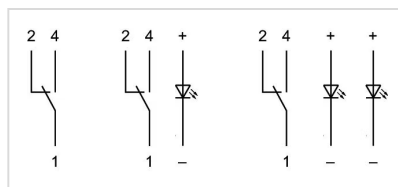
REACH: REACH compliant

RoHS: RoHS compliant

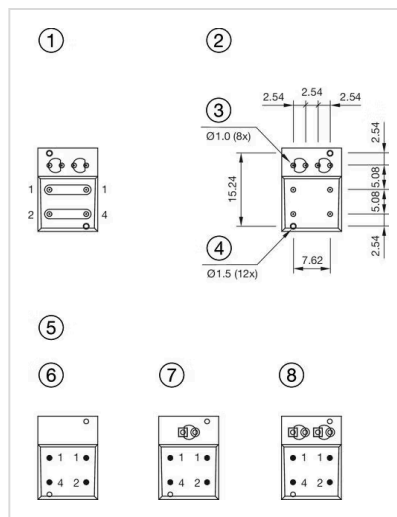
Short Description: Switching element, Snap-action switching element, 42 V DC @ 0,1 A, Gold, 1 C, PCB terminal

Housing material: Plastic

Wiring diagrams:

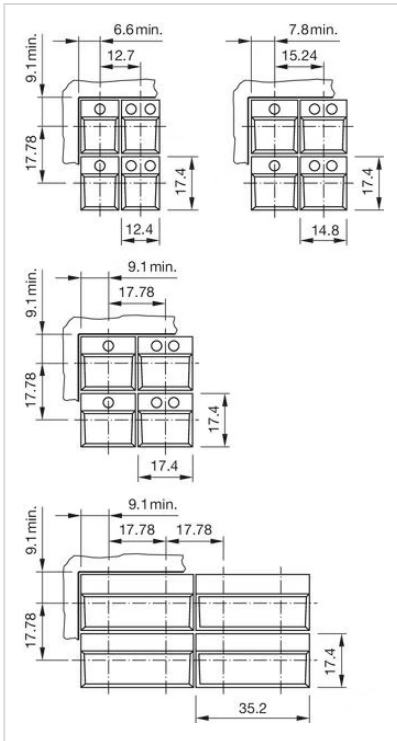


Component layouts:



A = Terminals (rear side)
B = Drilling plan (component side)
C = LED + contacts
D = Centering pins non-metallic
E = Occupancy plan (component side)
F = without LED

Mounting cut-outs:



Dimension drawings:

