

Switching element

Distribution by
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96-323.837



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Your product:



96-323.837 Switching element

PRODUCT RANGE

Product Status: Phase-out

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Contact resistance:	New state \leq 100 m Ω , as per DIN / IEC 60512-2-2b
Switching rating:	42 V DC @ 0,1 A
Electrical lifetime:	\geq 5 x 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 CHARACTERISTICS

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 Mil. cycles of operation, according to IEC 60512-5-9a
Operating force:	1.4 N \pm 0.3 N
Operating Travel:	Lead distance 1.0 mm \pm 0.3 mm, Total distance 1.7 mm \pm 0.5 mm
Weight:	0.002 kg

AMBIENT CONDITION

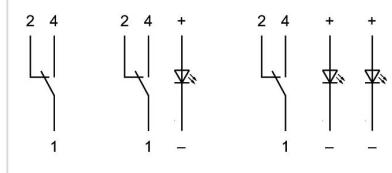
IP front protection: IP67, according to IEC 60529

Operating temperature:	- 25 °C ... + 85 °C
Storage temperature:	- 40 °C ... + 85 °C
Shock resistance:	≥30 g for 11 ms, according to IEC 60512-4-3 (Single impacts, semi-sinusoidal)
Vibration resistance:	10 g at 10 Hz...2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN 60512-4-4

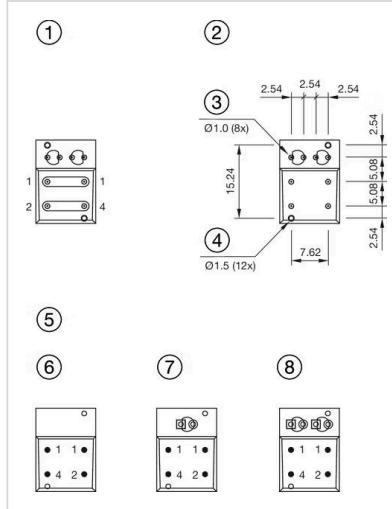
CERTIFICATE

REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

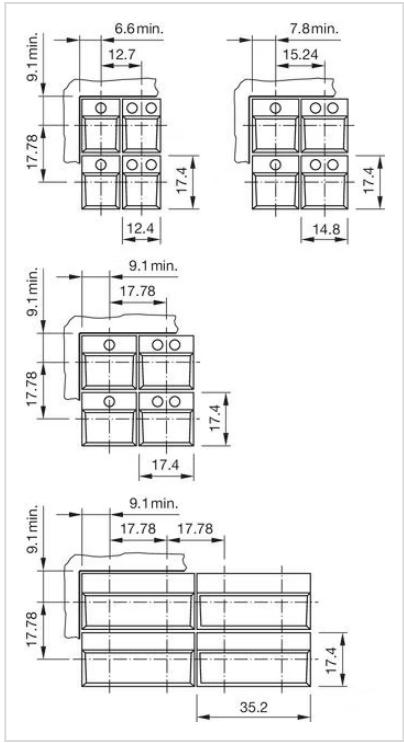
Short Description:	Switching element, Snap-action switching element, 42 V DC @ 0,1 A, Gold, 1 C, PCB terminal
Housing material:	Plastic
Wiring diagrams:	

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:

