

Switching element

61-8745.37



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Your product:



61-8745.37

Switching element

ELECTRICAL CHARACTERISTICS

Contacts:	1 NC
Switching voltage and switching current:	Switch rating AC with gold contact Service category AC-15 according to EN IEC 60947-5-1 Voltage 50 VAC Current 0.5 A Switch rating DC with gold contact Service category DC-13 according to EN IEC 60947-5-1 Voltage 50 VDC Current 0.1 A
Rated Operational Voltage Ue:	50 VAC / DC, according to EN / IEC 60947-5-1
Rated impulse withstand voltage Uimp:	0,8 kV, according to EN / IEC 60947-5-1
Rated insulation voltage Ui:	320 VAC, according to EN / IEC 60947-5-1
Recommended minimum operational data:	Voltage 10 VAC/DC Current 2 mA
Switching rating:	50 V AC/DC @ 0,3 A
Standards:	The switches comply with the "Standards for low-voltage switching devices" EN IEC 61058-1, EN IEC 60947-5-1
Thermal current Ith:	3 A

MECHANICAL CHARACTERISTIC

Terminal:	Plug-in terminal, 2,8 x 0,5 mm
Contact material:	Gold
Switching system:	Slow-make switching element
Switching positions:	2 positions
Wire cross section:	1 wire flexible: 0.5 ... 0.75 mm ² 1 wire super flexible: 0.5 mm ² 1 wire rigid: 0.5 ... 1.5 mm ² 2 wires flexible: 0.5 ... 0.75 mm ² 2 wires super flexible: 0.5 mm ²

2 wires rigid: 0.5 ... 1.5 mm²

Weight: 0.008 kg

AMBIENT CONDITION

Operating temperature: – 25 °C ... + 55 °C

Climate resistance: Damp heat, cyclic: 96 hours, + 25 °C/97 %, + 55 °C/93 % relative humidity, as per EN IEC 60068-2-30
Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78
Rapid change of temperature: 100 cycles, – 40 °C ... + 80 °C, as per EN / IEC 60068-2-14

CERTIFICATE

Approbations: CB (IEC 60947-5-1), CB (IEC 61058-1), CENELEC CCA-NTR (EN 60947-5-1), CQC, CSA, DNV, EAC, ENEC (EN 61058-1), NFF, SEV (EN / IEC 60947-5-1), UL

Conformities: CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH: REACH compliant

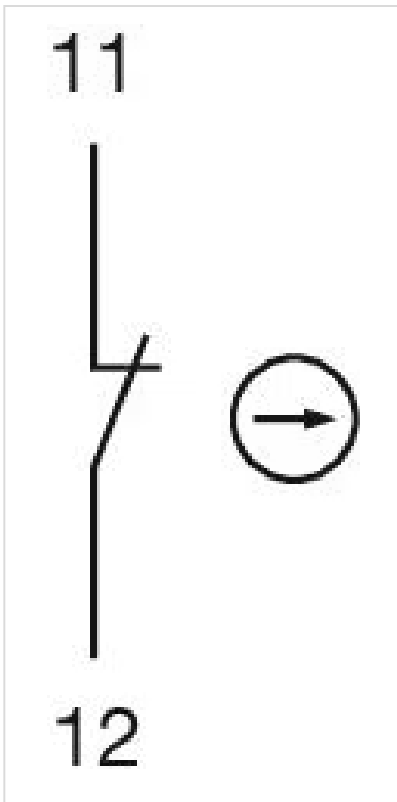
RoHS: RoHS compliant

OTHER

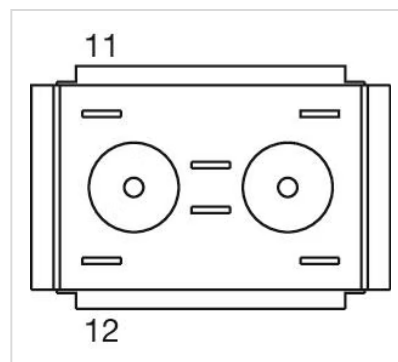
Short Description: Switching element, Slow-make switching element, 50 V AC/DC @ 0,3 A, Gold, 1 NC, Plug-in terminal, 2.8 x 0.5 mm

Material: Plastic, according to UL 94 V0

Wiring diagrams:



Component layouts:



Where to Buy

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	RS Americas	3 in stock	Buy	
	Mouser Electronics	0 in stock	Buy	
	Digi-Key	0 in stock	Buy	
	Sager	0 in stock	Buy	
	Newark Electronics	0 in stock	Buy	

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