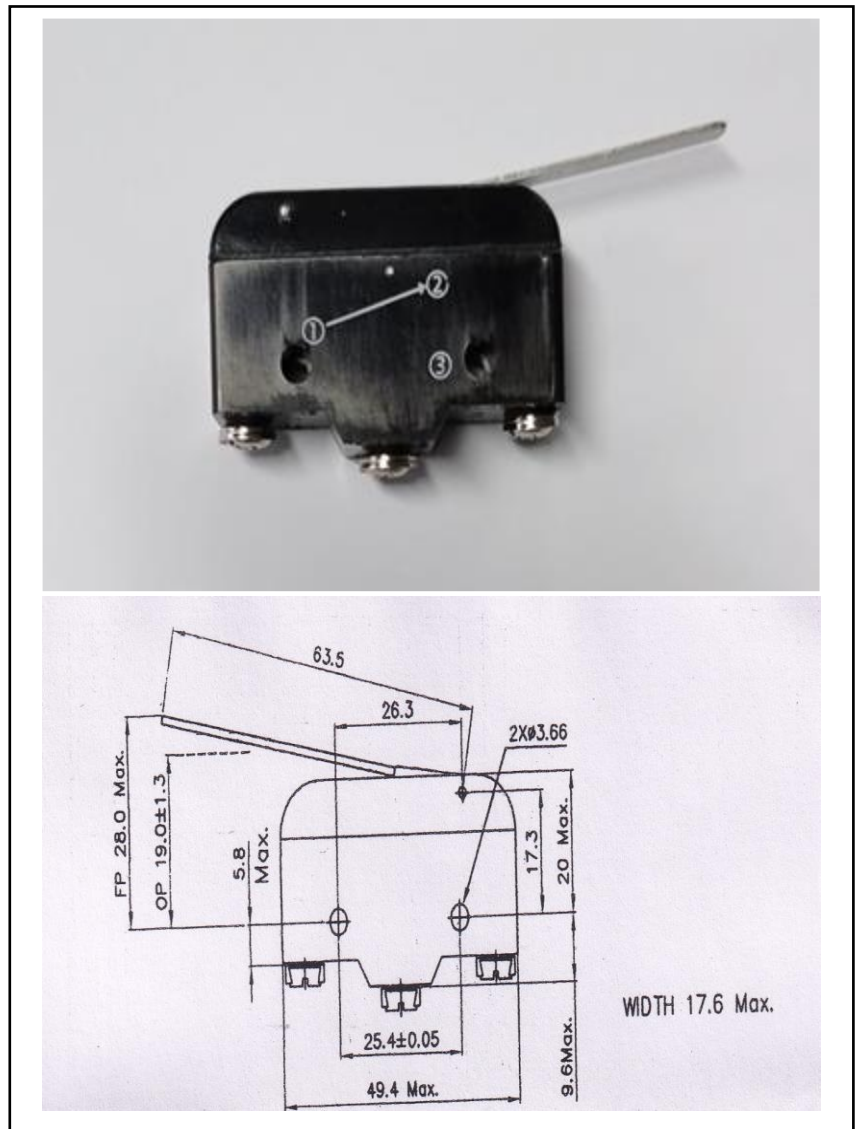


RS PRO Miniature Micro Switch

RS Stock No.: 241-249

Features

- SINGLE POLE CHANGEOVER, SNAP-ACTING SWITCHES
- FINE SILVER CONTACTS
- BERYLLIUM COPPER TRIDENT SPRING OPERATING MECHANISM
- EASY WIRE-UP SCREW AND CUP-WASHER TERMINALS CHARACTERISED BY EXTENDED CREEPAGE DISTANCE BETWEEN THE TERMINALS
- CONFORM TO IEC 1508-1 STANDARD.
- **CE** / **CS** / **UK** APPROVED.



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- *Single pole changeover, snap- acting switches*
- *Fine silver contacts*
- *Beryllium copper trident operating mechanism*
- *Easy wire- up screw and cup- washer terminals characterised by extended creepage distance between the terminals*
- *Confirm to IEC 1058-1-standard*

General Specifications

Contact Configuration	SPDT.
Contact Arrangement	1No + 1NC, snap action.
Contacts	Silver/ Copper Tri metal
Terminals	Brass
Base	Bakelite
Salient Feature	Stainless steel long lever actuator (63.5mm long)

Electrical Specifications

Electrical Rating		
	Load	Rating
	AC-15	15 Amp at 125V; 15 Amp at 250V
		5 Amp at 440V.
	DC-13	0.5 Amp at 125V (Resistive).
		0.25 Amp at 250V (Resistive).
		0.05 Amp at 125V (Inductive).
		0.03 Amp at 250V (Inductive).
Contact Resistance		10 milliohms max. (initial).
Insulation Resistance		1000 Mega ohms (min.). at 500V DC.
Voltage Proof		1000V AC between each shorted terminal with body and 1000V AC between open contacts.
Electrical life		50,000 operations at 15A, 250V AC.
Mechanical life		100000 operations.

Mechanical Specifications

Operating Force (OF)	85 gms. (max).
Release Force(RF)	14 gms.(min.).
Pretravel (PT)	9.0 mm. (max.).
Movement Differential (MD)	1.5 mm. (max.).
Overtravel (OT)	2.5 mm.
Free Position (FP)	28 mm. (max.).
Operating Position (OP)	19.0±1.3 mm.
Mounting	Side mounted, use two M3 screws with plain washers or spring washers. Tighten the screws at a torque of 3 kg-cm.
Unit Weight	36.54 gms. Approx.

Operation Environment Specifications

Operating Temperature Range	-55°C to +85°C.
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Protection Category

IP Rating	IP40(enclosure).
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Approvals

Compliance/Certifications	  CE/ c us/ CA
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Connection Diagrams / Assembly Diagrams / Illustrations / Accessories