

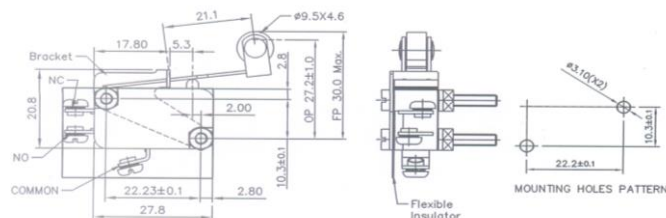
RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496840

FEATURES

- VERSATILE SWITCH SUITABLE FOR HEAVY DUTY APPLICATIONS.
- COMPATIBLE WITH ALL INDUSTRY STANDARD V3 SWITCHES.
- LONG MECHANICAL AND ELECTRICAL LIFE.
- CONFORM TO IEC 1508-1 STANDARD

-  /  /  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 ATTRIBUTE 1

- *V3 switches are ideal for many heavy-duty applications including automotive vending machines, telecommunications equipment, security products and instrumentation, conveyors, machine tools.*
- *Positive snap action mechanism.*
- *Low friction pivoted lever actuator with minimize side play with frame to fit with stainless steel lever with free running nylon roller, one flexible insulator on one switch with two sets of M3X25mm screws, nuts and lock washers. Lever radius 21.1mm. Lever ratio 4:1.*
- *Screw terminal (M3 screws with washers).*
- *Long mechanical and electrical life.*
- *Fine silver contacts.*

General Specifications

Contact Configuration	SPDT
Contact Arrangement	1NO + 1NC, snap action.
Contacts	Pure silver, bi-metal, silver plated.
Terminals	Copper alloy, silver plated.
Plunger	Nylon.
Case	30% glass filled flame retardant thermoplastic UL94 V0.
Salient feature	Stainless steel lever with free running nylon roller actuator (Lever radius 21.1mm and lever ratio 4:1). Screw terminals (M3 screws with washers).

Electrical Specifications

Electrical Rating		
	Load	Rating
	AC-15	16 Amp at 250V.
		5 Amp at 440V.
	DC-13	0.6 Amp at 110V (Resistive).
		0.3 Amp at 220V (Resistive).
		0.1 Amp at 110V (Inductive).
		0.05 Amp at 220V (Inductive).
Contact Resistance		
Insulation Resistance		100 Megaohms (min.). at 500V DC.

Voltage Proof		1500V AC between each shorted terminal with body and 1000V AC between open contacts.
Electrical life		1,00,000 operations at 5A, 250V AC.
Mechanical life		10,00,000 operations.

Mechanical Specifications

Operating Force (OF)	100gms. (max.).
Release Force(RF)	25 gms.(min.).
Pretravel (PT)	2.5 mm.(max.).
Movement Differential (MD)	1.5 mm. (max.).
Overtravel (OT)	3.0 mm.
Free Position (FP)	30.0 mm. (max.).
Operating Position	27.2±1.0mm,
Mounting	Side mounted, two screws M3X25mm with washers and nuts are provided. Use the screws both to mount the frame to the switch and mount the complete assembly to the applications.
Unit Weight	16.3 gms. Approx.

Operation Environment Specifications

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

IP Rating	IP40.
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Approvals

Compliance/Certifications

