

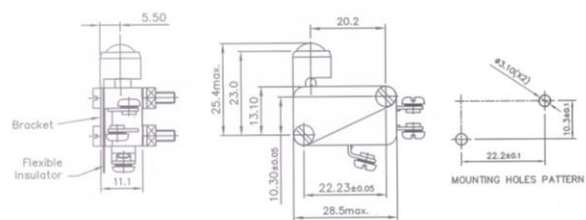
RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496842

FEATURES

- BALL ACTUATOR TO PROTECT THE SWITCH PLUNGER FROM WIPE AND SIDE-THRUST.
- 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.*
- *Ball actuator, frame to fit with one 9.5mm diameter stainless steel ball, one flexible insulator on one switch with two sets of M3X20mm screws, nuts and lock washers.*
- *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	Ball actuator to protect the switch plunger from wipe and side-thrust. Side mounted and screw terminals.

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		15 milliohms (max.) (initial).
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)	400gms. (max.).
Release Force(RF)	80 gms.(min.).
Free Position (FP)	25.4 mm.(max.).
Operating Position	24±1.0mm,
Mounting	Side mounted, two screws M3X20mm 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	16.8 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	
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