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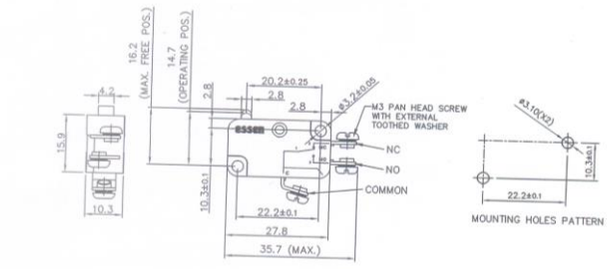
RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496844

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
- CE / c SP us / UKCA 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.

Miniature Micro Switch

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.*
- *High temperature and high current switch having temperature range: -20°C to +120°C at 21 Amps.*
- *Positive snap action mechanism.*
- *Plain plunger actuator.*
- *Screw terminal (M3 screws with washers).*
- *Long mechanical and electrical life.*
- *Fine silver alloy contacts.*

General Specifications

Contact Configuration	SPDT
Contact Arrangement	1NO + 1NC,snap action.
Contacts	Fine silver alloy, bi-metal, silver plated.
Terminals	Copper alloy, silver plated.
Plunger	40% glass filled Poly Phenylene Sulphide (PPS)
Case	40% glass filled Poly Phenylene Sulphide (PPS)
Salient feature	Plain plunger actuator. Side mounted and screw terminals.

Electrical Specifications

Electrical Rating		
	Load	**Rating**
	AC-15	21 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		50,000 operations at 5A, 250V AC.
Mechanical life		10,00,000 operations.

Mechanical Specifications

Operating Force (OF)	400gms. (max.).
Release Force(RF)	80gms.(min.).
Pretravel (PT)	1.2 mm.(max.).
Movement Differential (MD)	0.4 mm. (max.).
Overtravel (OT)	1.0 mm.
Free Position (FP)	16.2 mm. (max.).
Operating Position	14.7±0.4mm,
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	8.0gms. Approx.

Operation Environment Specifications

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

Protection Category

IP Rating	IP40.

Approvals

Compliance/Certifications	CE/ c US / UK CA ..