Miniature Micro Switch

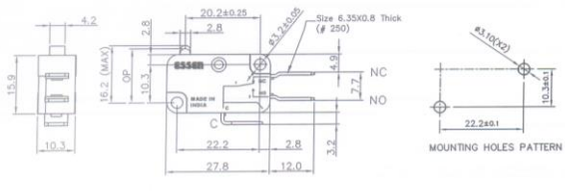
FEATURES

- 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 / cULus / UKCA APPROVED.

RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496845





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, telecommunication equipment, security products and instrumentation, conveyors, machine tools.*
- *Positive snap action mechanism.*
- *Plain plunger actuator.*
- *Quick connect terminals 6.35mm (#250).*
- *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.
Saliant Feature	Plain plunger actuator and 6.35X0.8mm quick-connect terminals..

Electrical Specifications

Rating	10 Amp at 250V.
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.

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Mechanical Specifications

Operaing Force (OF)	100gms. (max).
Release Force(RF)	20 gms.(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 (OP)	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	7.0 gms. Approx.

Operation Environment Specifications

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

Protection Category

IP Rating	IP40(enclosure).

Approvals

Compliance/Certifications	CE/ c US / UK CA