

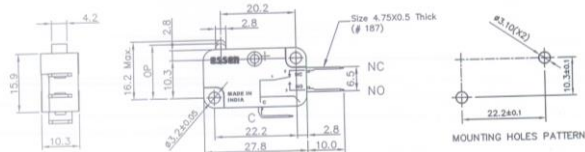
## FEATURES

- 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 PRO Miniature Micro Switch

RS STOCK NUMBER - 2496855



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, telecommunication equipment, security products and instrumentation, conveyors, machine tools.*
- *Positive snap action mechanism.*
- *Plain plunger actuator.*
- *Quick connect terminals 4.75mm(#187).*
- *Long mechanical and electrical life.*
- *Fine silver contacts.*

## General Specifications

<b>Contact Configuration</b>	SPDT.
<b>Contact Arrangement</b>	1No + 1NC, snap action.
<b>Contacts</b>	Pure silver, bi-metal, silver plated.
<b>Terminals</b>	Copper alloy, silver plated.
<b>Plunger</b>	Nylon.
<b>Case</b>	30% Glass filled flame retardant thermoplastic UL94 V0.
<b>Saliant Feature</b>	Plain plunger actuator and 4.75X0.5mm quick-connect terminals..

## Electrical Specifications

<b>Rating</b>	10 Amp at 250V.
<b>Contact Resistance</b>	15 milliohms max. (initial).
<b>Insulation Resistance</b>	100 Megaohms (min.). at 500V DC.
<b>Voltage Proof</b>	1500V AC between each shorted terminal with body and 1000V AC between open contacts.
<b>Electrical life</b>	1,00,000 operations at 5A, 250V AC.
<b>Mechanical life</b>	10,00,000 operations.

## Mechanical Specifications

<b>Operating Force (OF)</b>	100gms. (max).
<b>Release Force(RF)</b>	20 gms.(min.).
<b>Pretravel (PT)</b>	1.2 mm. (max.).
<b>Movement Differential (MD)</b>	0.4 mm. (max.).
<b>Overtravel (OT)</b>	1.0 mm.
<b>Free Position (FP)</b>	16.2 mm. (max.).

<b>Operating Position (OP)</b>	14.7±0.4mm.
<b>Mounting</b>	Side mounted, use two M3 screws with plain washers or spring washers. Tighten the screws at a torque of 3 kg-cm.
<b>Unit Weight</b>	6.4 gms. Approx.

## Operation Environment Specifications

<b>Operating Temperature Range</b>	-55°C to + +85°C.
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## Protection Category

<b>IP Rating</b>	IP40(enclosure).
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## Approvals

### Compliance/Certifications

