

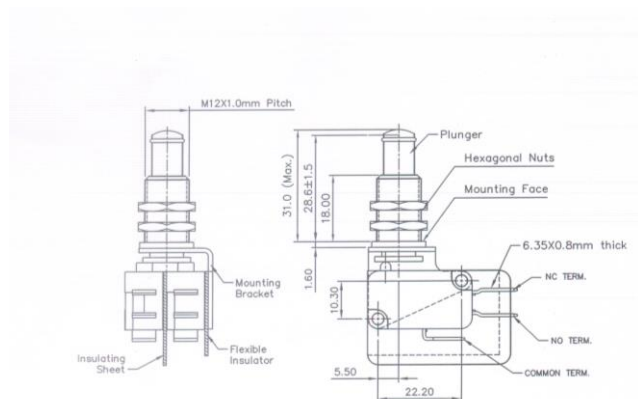
## FEATURES

- 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 - 2496823



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.*
- *Spring plunger actuator and a screwed sleeve which provides the means for single hole mounting and adjustment.*
- *Quick connect terminals 6.35mm(#250).*
- *Long mechanical and electrical life.*
- *Fine silver contacts.*

## General Specifications

<b>Contact Configuration</b>	DPDT.
<b>Contact Arrangement</b>	2No + 2NC, 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>	Spring plunger actuator and a screwed sleeve which provides the means for single hole mounting and adjustment. 6.35X0.8mm quick-connect terminals.

## Electrical Specifications

Electrical Rating		
	Load	Rating
	<b>AC-15</b>	16 Amp at 250V.
		5 Amp at 440V.
	<b>DC-13</b>	0.6 Amp at 110V (Resistive).
		0.3 Amp at 220V (Resistive).
		0.1 Amp at 110V (Inductive).
		0.05Amp at 220V (Inductive).
<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

Operating Force (OF)	800gms. (max).
Release Force(RF)	160 gms.(min.).
Pretravel (PT)	1.2 mm. (max.).
Movement Differential (MD)	0.4 mm. (max.).
OverTravel (OT)	4.6 mm.
Free Position (FP)	31.00 mm. (max.).
Operating Position	28.6±1.5 mm.
Mounting	Single-hole mounting require a single clearance hole of 12.5mm diameter. Two locknuts provided.
Unit Weight	41.6gms. 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	 CE/ c    us/    UK/ CA...
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