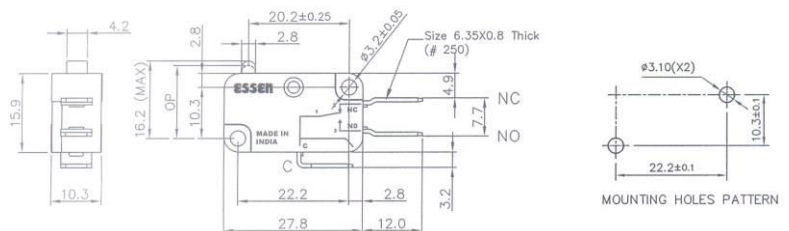


## FEATURES

- VERSATILE SWITCH SUITABLE FOR HEAVY DUTY APPLICATIONS.
- COMPATIBLE WITH ALL INDUSTRY STANDARD V3 SWITCHES.
- LONG MECHANICAL AND ELECTRICAL LIFE.
- CONFORM TO IEC 1058-1 STANDARD
- CE / CSA us APPROVED

# RS PRO Miniature Micro Switch

RS Stock No.: 804-6209



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

- *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.*
- *Pin plunger actuator.*
- *Quick connect terminals 6.35mm (#250).*
- *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, Bimetal, Silver plated
<b>Terminal</b>	Copper alloy, Silver plated
<b>Plunger</b>	Nylon
<b>Case</b>	30% Glass filled thermoplastic UL 94V0

## Electrical Specifications

Rating	Load	Rating
	<b>AC-15</b>	16 Amp at 250 V
		5 Amp at 440 V
	<b>DC -13</b>	0.6 Amp at 110V( RESISTIVE )
		0.03 Amp at 220V(RESISTIVE )
		0.1 Amp at 110V(INDUCTIVE )
		0.05 Amp at 220V( INDUCTIVE )
<b>Contact Resistance</b>		15 milliohms max (initial)
<b>Insulation Resistance</b>		100 Megaohms min at 500 VDC
<b>Voltage proof</b>		1500V AC between each terminal shorted and body and 1000VAC between open contacts.
<b>Electrical life</b>		100,000 operations at rated load.
<b>Mechanical life</b>		10,00000 operations

## Mechanical Specifications

<b>Operating Force (OF)</b>	400gmsmax.
<b>Release Force (RF)</b>	80gmsmin.
<b>Pretravel (PT)</b>	1.2mm max.
<b>Movement Differential</b>	0.4mm max.
<b>Over Travel (OT)</b>	1.0mm
<b>Operating Position (OP)</b>	14.7± 0.4mm
<b>Mounting</b>	Side mounted,use two M3 screwswith plain washers or spring washers. Tighten the screws at a torque of 3 Kg-cm
<b>Unit Weight</b>	7.1gmsApprox

## Operation Environment Specifications

<b>Operating Temperature Range</b>	-40°C to 85°C
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## Protection Category

<b>IP Rating</b>	IP40
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## Approvals

## Compliance/Certifications

CE/CSA

## Similar Products

Parameters	Stock#	Stock#	Stock#	Stock#
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Contact Configuration				
Switch Operation				
Illuminated				
Actuator Colour				
Actuator Shape				
Legend Text				
Legend Text Colour				
Lens Shape/Symbol				
Contact Material				
Case Material				
Actuator Style				
Contact Current Rating				
AC Voltage Rating				
DC Voltage Rating				
Terminal Type				
Termination Style				
Contact Resistance				
Minimum Insulation Resistance				
Dielectric Strength				
Panel Cut Out Size				
Panel Cut Out Width				
Panel Cut Out Height				
Panel Cut Out Diameter				
Mounting Type				
Operating Temperature Range				
IP Rating				
Compliance/Certifications				

CONSTRUCTIONAL DIAGRAM/CIRCUIT DIAGRAMS