

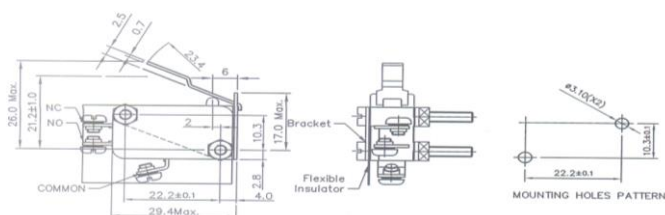
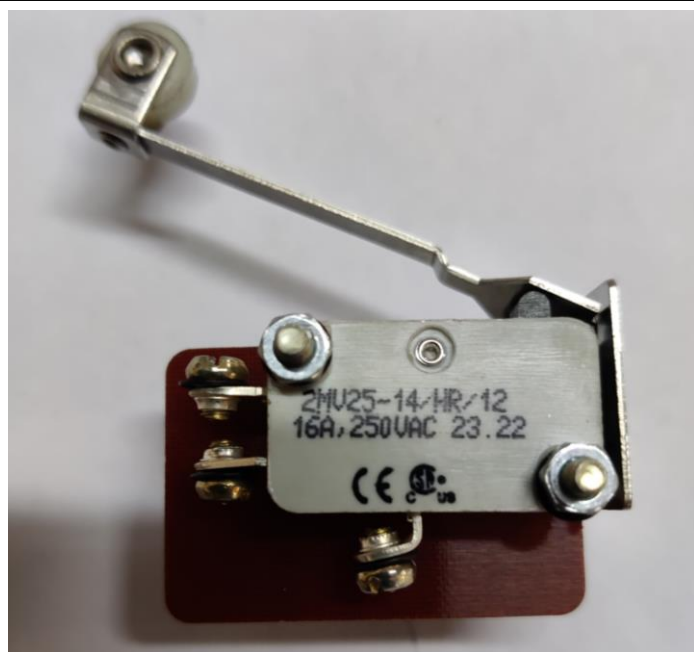
## FEATURES

- 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 - 2496821



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, telecommunications equipment, security products and instrumentation, conveyors, machine tools.*
- *Positive snap action mechanism.*
- *Frictionless pivoted lever actuator with some side play in depressed position with frame to fit with stainless steel long lever with free running nylon roller, one flexible insulator, one rigid insulator on two switches with two sets of M3X35mm screws, nuts and lock washers. Lever radius 49.5mm.Lever ratio 9:1.*
- *Screw terminal (M3 screws with washers).*
- *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>Salient feature</b>	Stainless steel long lever with free running nylon roller actuator (Lever radius 49.5mm and lever ratio 9:1).Screw terminals (M3 screws with washers).

## 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).
		0.05 Amp 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

<b>Operating Force (OF)</b>	100gms. (max.).
<b>Release Force(RF)</b>	25 gms.(min.).
<b>Pretravel (PT)</b>	11.0 mm.(max.).
<b>Movement Differential (MD)</b>	4.5 mm. (max.).
<b>Overtravel (OT)</b>	11.5 mm.
<b>Free Position (FP)</b>	46.5 mm. (max.).
<b>Operating Position</b>	36.5±2.0mm,
<b>Mounting</b>	Side mounted, two screws M3X35mm with washers and nuts are provided. Use the screws both to mount the frame to the switch and mount the complete assembly to the applications.
<b>Unit Weight</b>	28.0 gms. Approx.

## Operation Environment Specifications

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

## Protection Category

<b>IP Rating</b>	IP40.
------------------	-------

## Approvals

<b>Compliance/Certifications</b>	
----------------------------------	---