

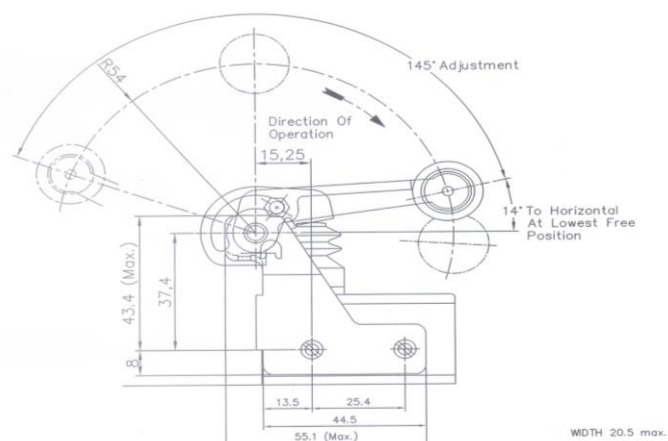
## FEATURES

# RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496828

- AUXILIARY ACTUATOR SUITABLE FOR FLEXIBLE COWL-PROTECTED SPRING PLUNGER ACTUATOR OPERATED MICRO SWITCHES (UNDER 'S' & 'B' SERIES).
- MOULDED-CASED MICRO SWITCH.
- ZINC ALLOY LEVER WITH FREE RUNNING NYLON ROLLER.
- CONFORM TO IEC 1508-1 STANDARD.

-  /  /  APPROVED.



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

- *Single-pole changeover, snap-acting switch.*
- *Beryllium copper trident spring operating mechanism.*
- *Zinc alloy lever with free running nylon roller. Adjustable through 145°, m4 hexagonal head adjustment lock. Lever ratio 3.6:1.*
- *M3 terminals screws with washers located in 4.0mm wide wiring channels and protected by a removable insulated base plate.*

## General Specifications

<b>Contact Configuration</b>	SPDT
<b>Contact Arrangement</b>	1No + 1NC, snap action.
<b>Contacts</b>	Fine silver.
<b>Terminals</b>	M3 brass screws with washers, nickel plated.
<b>Case</b>	Phenolic thermo-setting plastic.
<b>Plunger</b>	Frame, double plate type which straddles the switch, in plated mild steel.

## Electrical Specifications

Electrical Rating		
	Load	Rating
	<b>AC (Resistive)</b>	15 A at 125V or 15 A at 250V.
	<b>AC (Inductive)</b>	5 A at 125V or 5 A at 250V.
	<b>DC(Resistive)</b>	0.5 A at 125V or 0.25 A at 250V.
	<b>DC(Inductive)</b>	0.03 A at 125V or 0.02 A at 250V.
<b>Contact Resistance</b>		10 milliohms (max.).
<b>Insulation Resistance</b>		1000 Megaohms (min.).
<b>Dielectric Strength</b>		1 KV AC for one minute.
<b>Electrical life</b>		50,000 operations.
<b>Mechanical life</b>		1 million Operations.

## Mechanical Specifications

<b>Actuating Force (AF)</b>	300gms. (max).
<b>Release Force(RF)</b>	100 gms.(min.).
<b>Pretravel</b>	10.0 mm.(max).
<b>Movement Differential(MD)</b>	0.2 mm.(max),
<b>Overtravel</b>	5.0 mm.
<b>Actuator</b>	Zinc alloy roller-lever with free running nylon roller. Adjustable through 145°, m4 hexagonal head adjustment lock. Lever ratio 3.6:1.
<b>Mounting</b>	Side mounting, two screws size M3.5X35mm with washers and nuts are provided. These screws are long enough to secure the assembly to the application.
<b>Unit Weight</b>	123.3 gms. Approx.

## Operation Environment Specifications

<b>Operating Temperature Range</b>	-10°C to +70°C.
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## Protection Category

<b>IP Rating</b>	IP54(enclosure).
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## Approvals

<b>Compliance/Certifications</b>	 CE/c    us/CA
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