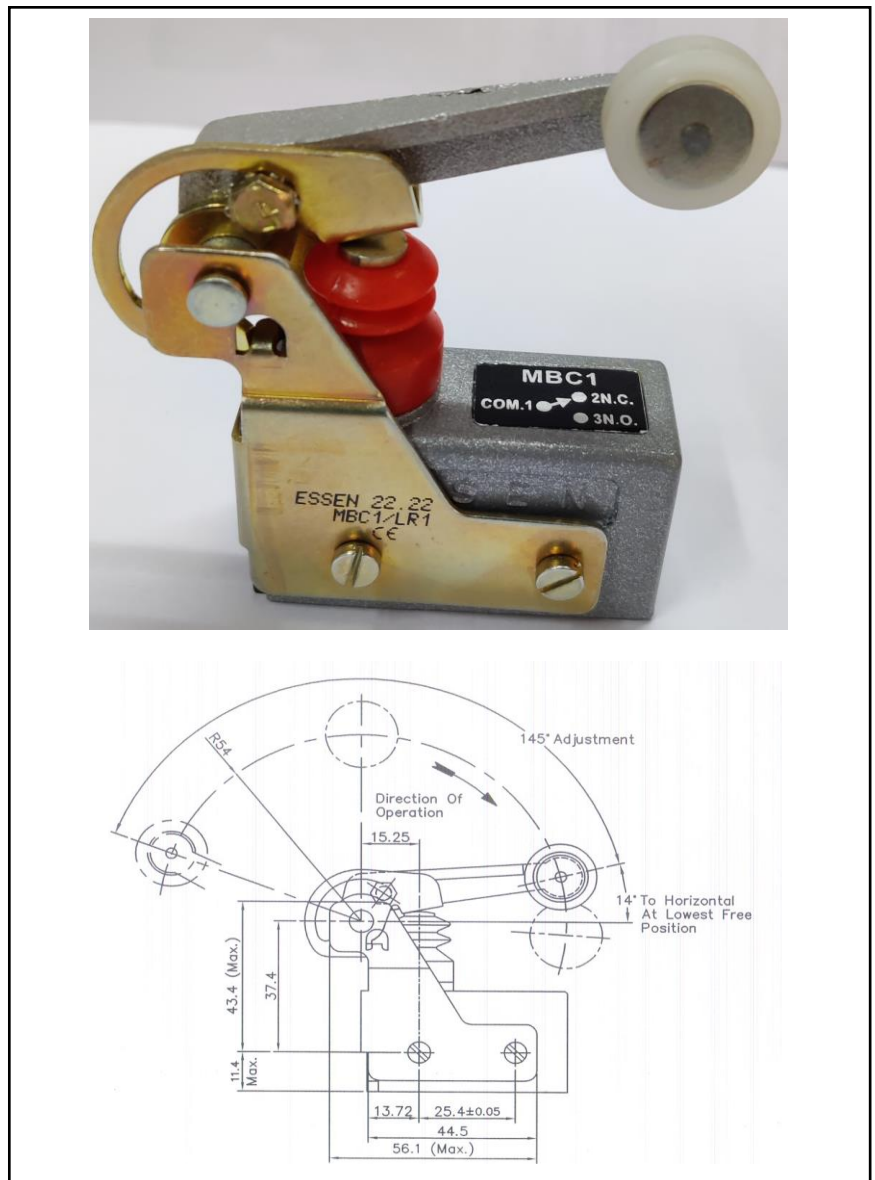


## FEATURES

- AUXILIARY ACTUATOR SUITABLE FOR COWL-PROTECTED SPRING PLUNGER ACTUATOR OPERATED MICRO-SWITCHES (UNDER ESSEN 'S' & 'B' SERIES).
- STANDARD SIZE ENCLOSED TERMINAL MICRO - SWITCHES.
- ZINC ALLOY LEVER WITH FREE RUNNING PLASTIC ROLLER.
- CONFORM TO IEC 1508-1 STANDARD.

# RS PRO Miniature Micro Switch

RS Stock No.: 797-2498



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 plastic roller. Adjustable through 145°, M4 hexagonal head adjustment lock. Lever ratio 3.6:1.*
- *M3 terminal screws with washers located in 4.0mm 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>Housing</b>	Zinc alloy die cast.
<b>Base</b>	Phenolic thermo-setting plastic.
<b>Salient Features</b>	Frame, double plate type which straddles the switch, in plated mild steel.

## Electrical Specifications

Electrical Rating		
	Load	Rating
	<b>AC(Resistive)</b>	15A 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>Voltage Proof</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>	150 gms.(min.).
<b>Available Pretravel</b>	10 mm.(max).
<b>Available Overtravel</b>	9 mm.
<b>Movement Differential(MD)</b>	0.4 mm.(max.).
<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>	166 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/CSA.
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## 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