

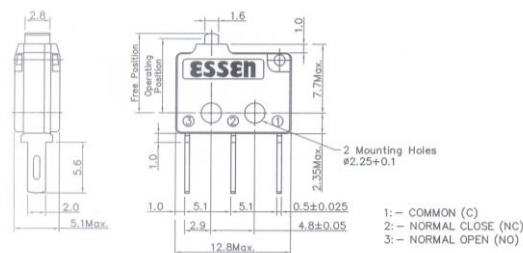
## FEATURES

- PLUNGER OPERATED CONVENTIONALLY STYLED ULTRA MINIATURE MICRO SWITCH.
- MOULDED CASED FROM GLASS FILLED FLAME RETARDANT THERMOPLASTIC.
- CONFORM TO IEC 1058-1 STANDARD.

-  /  /  APPROVED.

# RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496834



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

- *Plunger operated ultra miniature micro switch.*
- *Single pole change over.*
- *Snap action mechanism.*
- *Fine silver contacts.*
- *Long mechanical and electrical life.*

## General Specifications

<b>Contact Configuration</b>	SPDT
<b>Contact Arrangement</b>	1No + 1NC, snap action.
<b>Contacts</b>	Fine silver contacts.
<b>Terminals</b>	Copper alloy, silver plated.
<b>Plunger</b>	Thermoplastic.
<b>Case</b>	Glass filled flame retardant thermoplastic(UL94-V0).

## Electrical Specifications

Electrical Rating		
	Load	Rating
	<b>AC(Resistive)</b>	5 A at 250V.
	<b>DC(Resistive)</b>	0.5 A at 125V or 0.25 A at 250V.
	<b>DC(Inductive)</b>	0.06 A at 110V or 0.03 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>		
<b>250V AC</b>	<b>5 A(0.75 pf)</b>	6000 operations.
<b>125V AC</b>	<b>5 A(0.75 pf)</b>	6000 operations.
<b>0-15V DC</b>	<b>5 A</b>	General rating - 50,000 operations.
<b>15V DC</b>	<b>3 A</b>	General rating - 50,000 operations
<b>Mechanical life</b>		500,000 Operations.

## Mechanical Specifications

<b>Actuating Force (AF)</b>	120gms. (max).
<b>Release Force(RF)</b>	25gms. (min.).
<b>Free Position(FP)</b>	8.8mm. (max.).
<b>Operating Position(OP)</b>	8.1 + 0.3 - 0.2 mm.
<b>Pretravel</b>	0.7 mm.(max).
<b>Overtravel</b>	Depress to case.
<b>Movement Differential(MD)</b>	0.13 mm.(max),
<b>Mounting</b>	Switches should be mounted on a flat surface using two M2 or #2 unified thread screws.
<b>Unit Weight</b>	1.0gms. Approx.
<b>Salient Feature</b>	Plain plunger actuator, 2 mm quick-connect tabs.

## Operation Environment Specifications

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

<b>IP Rating</b>	IP40(enclosure).
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## Approvals

<b>Compliance/Certifications</b>	
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