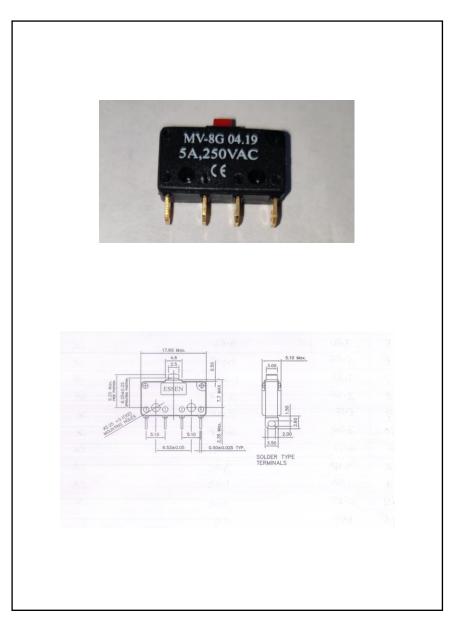


# **FEATURES**

# RS PRO Miniature Micro Switch

RS STOCK NUMBER - 2496864

- 2 CIRCUIT DOUBLE-BREAKMINIATURE MICRO SWITCH.
- SPRING CONTROLLED PIVOTED MECHANISM.
- 1 NO + 1 NC CONTACTS WITH FORM Z ARRANGEMENT.
- 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 ATTRIBUTE 1

- Plunger operated double-break miniature micro switch.
- Single pole, change over micro switch.
- Moulded from glass filled flame retardant thermoplastic.
- Rapid change over contacts ensures reliable bi-stability.
- Silver alloy gold plated contacts.
- Long mechanical and electrical life.

#### **General Specifications**

Contact Configuration	2 Circuit double break snap action mechanism.
Contact Arrangement	1No + 1NC,snap action.
Contacts	Silver alloy, gold plated.
Terminals	Copper alloy, gold plated.
Plunger	Thermoplastic.
Case	Glass filled flame retardant thermoplastic UL94 V0.

#### **Electrical Specifications**

Electrical Rating		
	Load	Rating
	AC-15	5 Amp at 250V.
	DC(resistive)	0.5 A at 125V or 0.25 A at 250V.
	DC(inductive)	0.06 A at 110V & 0.03 A at 250V.
Contact Resistance		30 milliohms (max.).
Insulation Resistance		100 Megaohms (min.).
Dielectric Strength		1 KV AC for 1 minute.
Electrical life		10,000 operations.
Mechanical life		500,000 operations.



# **Mechanical Specifications**

Actuating Force (AF)	150gms. (max).
Release Force(RF)	25 gms.(min.).
Free Position (FP)	9.40 mm.(max).
Operating Position (OP)	8.25±0.25mm,
Pretravel	1.2 mm. (max.).
Overtravel	Depress to case.
Movement Differntial	0.50 mm. (max.).
Mounting	Side-mounting two holes suitable for M2 or #2 unified thread screws are provided.
Unit Weight	1.3 gms. Approx.
Salient Features	Plain plunger actuator, solder type terminals through the bottom of case.

# **Operation Environment Specifications**

Operating Temperature Range	-40°C to +85°C.
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# **Protection Category**

IP Rating	IP40(enclosure).

# **Approvals**

Compliance/Certifications	©® UK
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