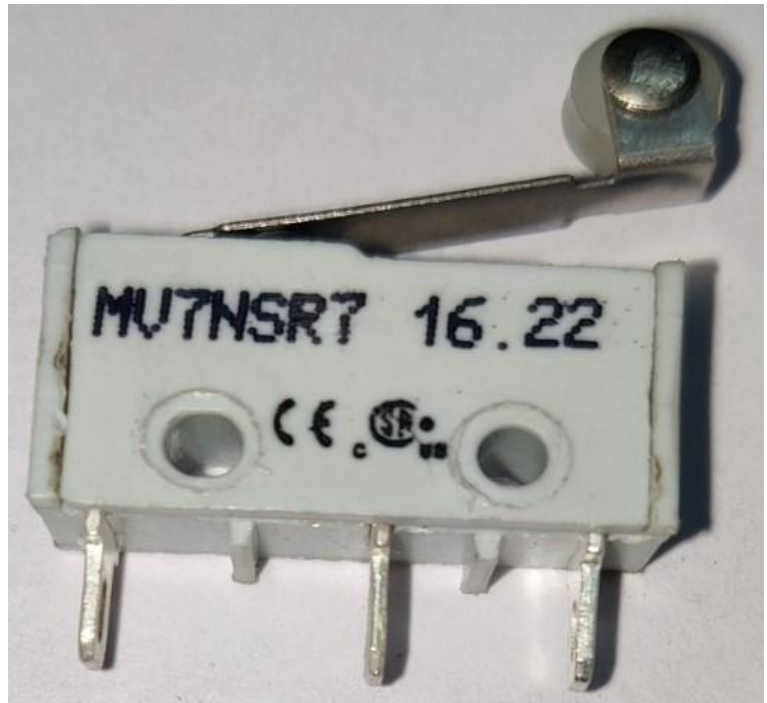**RS PRO**

Features

- Designed for applications where low operating force is required.

- Moulded from glass filled flame retardant thermoplastic (UL94V-0)

- Long mechanical and electrical life

- Conform to IEC 1058-1 Standard

- CE / CSA us Approved

RS PRO Miniature Micro Switch

RS Stock No.: 804-6265

RS PRO 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.

Miniature Micro Switch

Product Description

- Single pole change over.
- Snap action mechanism.
- Rapid changeover of contacts.
- Roller lever actuator.
- Long mechanical & electrical life.

General Specifications

Contact Configuration	SPDT
Contact Arrangement	1No + 1NC snap action.
Contacts	Silver alloy / Solid silver.
Terminals	Copper alloy, Silver plated.
Contact bridge	Heat treated copper alloy.
Plunger	Thermoplastic.
Case	Glass filled flame retardant thermoplastic.

Electrical Specifications

Rating	2.0A at 250V AC (RESISTIVE).
Contact Resistance	50 milliohms at 0.1A.
Insulation Resistance	100 Megaohms min. at 500V DC.
Dielectric strength	1000V AC rms for one minute.
Electrical life	50,000 operations at 20 cpm at rated load.
Mechanical life	500,000 operations at 60 cpm.

Miniature Micro Switch

Mechanical Specifications

Actuating Force (AF)	50gms max.
Release Force (RF)	2.5gms min.
Free Position (FP)	19.5mm max.
Operating Position (OP)	15.0±1.0 mm.
Pretravel	4.5 mm max.
Overtravel	1.18mm.
Movement Differential	1.10mm max.
Mounting	Two holes are provided for side mounting the switch to a flat, smooth surface. Suitable screws are m2 or #2 unified thread screws.
Unit Weight	2.8gms. Approx.
Salient Features	Integral lever actuator with free running nylon roller, solder terminals.

Operation Environment Specifications

Ambient Temperature	-25~+85°C

Protection Category

IP Rating	IP40

Approvals

Certification	CE/CSA