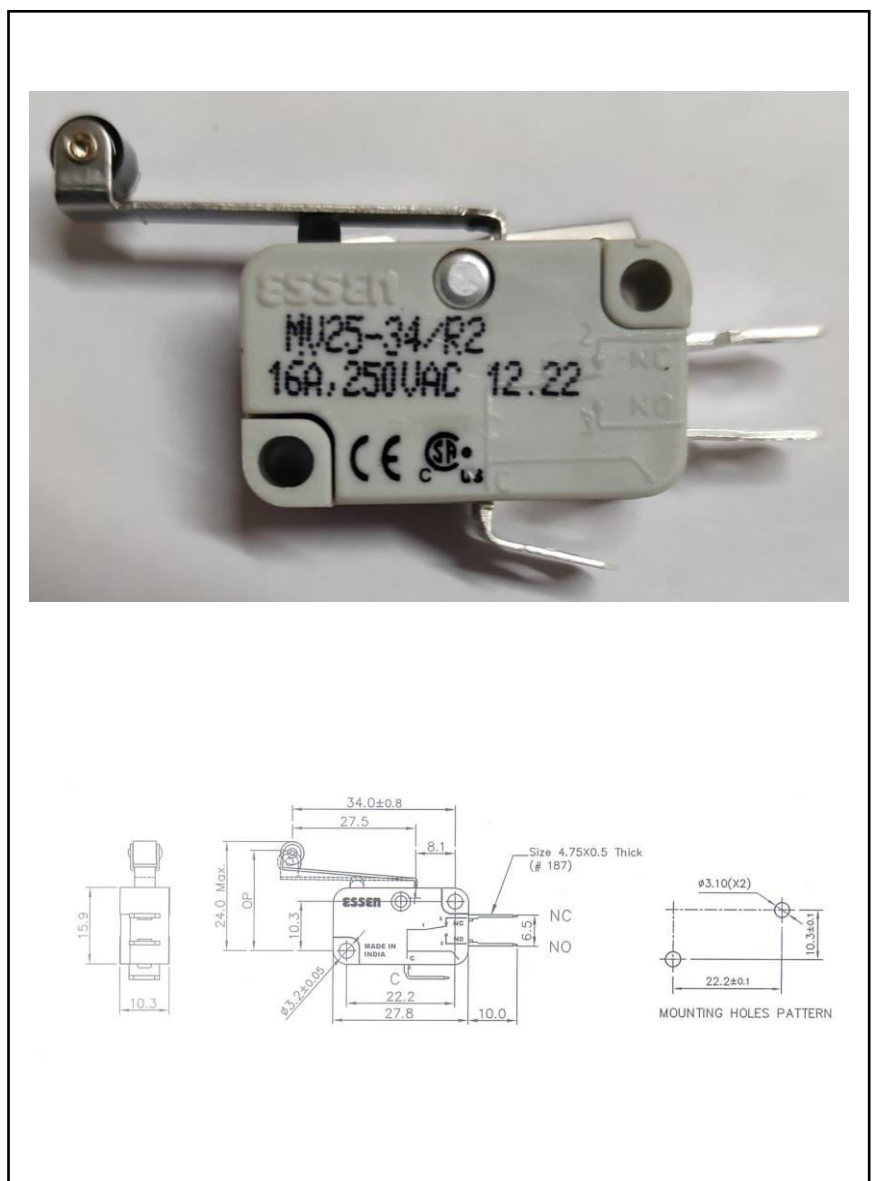


FEATURES

- VERSATILE SWITCH SUITABLE FOR HEAVY DUTY APPLICATIONS.
- COMPATIBLE WITH ALL INDUSTRY STANDARD V3 SWITCHES.
- LONG MECHANICAL AND ELECTRICAL LIFE.
- CONFORM TO IEC 1058-1 STANDARD
- CE / CSA us APPROVED

RS PRO Miniature Micro Switch

RS Stock No.: 804-6221



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

- *V3 switches are ideal for many heavy duty applications including automotive, vending machines, telecommunication equipment, security products and instrumentation, conveyors, machine tools.*
- *Positive snap action mechanism.*
- *Long roller lever actuator.*
- *Quick connect terminals 4.75mm (#187).*
- *Long mechanical and electrical life.*
- *Fine silver contacts.*

General Specifications

| | |
|------------------------------|--|
| Contact Configuration | SPDT |
| Contact Arrangement | 1No + 1NC snap action |
| Contacts | Pure Silver, Bimetal, Silver plated |
| Terminal | Copper alloy, Silver plated |
| Plunger | Nylon |
| Case | 30% Glass filled thermoplastic UL 94V0 |

Electrical Specifications

| Rating | Load | Rating |
|------------------------------|---------------|---|
| | AC-15 | 16 Amp at 250 V |
| | | 5 Amp at 440 V |
| | DC -13 | 0.6 Amp at 110V(RESISTIVE) |
| | | 0.03 Amp at 220V(RESISTIVE) |
| | | 0.1 Amp at 110V(INDUCTIVE) |
| | | 0.05 Amp at 220V(INDUCTIVE) |
| | | |
| Contact Resistance | | 15 milliohms max (initial) |
| Insulation Resistance | | 100 Megaohms min at 500 VDC |
| Voltage proof | | 1500V AC between each terminalshorted and body and 1000VAC between open contacts. |
| Electrical life | | 100,000 operations at rated load. |
| Mechanical life | | 10,00000 operations |

Mechanical Specifications

| | |
|--------------------------------|---|
| Operating Force (OF) | 250gmsmax. |
| Release Force (RF) | 25gmsmin. |
| Pretravel (PT) | 4.0mm max. |
| Movement Differential | 1.5mm max. |
| Over Travel (OT) | 1.6mm |
| Operating Position (OP) | 20.7± 1.6mm |
| Mounting | Side mounted,use two M3 screwswith plain washers or spring washers. Tighten the screws at a torque of 3 Kg-cm |
| Unit Weight | 7.7gmsApprox |

Operation Environment Specifications

| | |
|------------------------------------|---------------|
| Operating Temperature Range | -40°C to 85°C |
|------------------------------------|---------------|

Protection Category

| | |
|------------------|------|
| IP Rating | IP40 |
|------------------|------|

Approvals

Compliance/Certifications

CE/CSA

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