## FEATURES

- **Roller lever actuator**

- **Able to switch currents up to 10 A**

- **Electrically separated contacts**

- **Maximum AC voltage of 400 V**

- **Maximum DC voltage of 250 V**

- **Operating force of 0.1 N**

- **Operating temperature range of -25°C to +70°C**

- **DPST pole and throw configuration**

- **Cable connection**

- **NO/NC normal state configuration**

- **Minimum mechanical life of 15,000,000 operations**

- **Zinc alloy housing material**

# RS PRO, Snap Limit Switch - Zinc Alloy, NO/NC, Roller Lever, 400V, IP66

### RS Stock No.: 902-6890



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

Snap limit switches are electromechanical detection devices designed to count objects as they pass by. They use springs to open and close connections, allowing them to change the direction of power between two devices quickly. Acting as sensors, they make or break electrical connections when triggered by contact.

## General Specifications

| | |
|---|---|
| **Actuator Type** | Roller Lever |
| **Pole and Throw Configuration** | DPST |
| **Normal State Configuration** | NO/NC |
| **Contact Type** | Snap |
| **Applications** | Warehouses, Car Parks, Walkways, Construction areas, Parks and gardens, Home security |

| Materials | |
|---|---|
| **Housing Material** | Zinc Alloy |

## Electrical Specifications

| | |
|---|---|
| **Maximum Current** | 10A |
| **Maximum AC Voltage** | 400V |
| **Maximum DC Voltage** | 250V |
| **Frequency** | 50Hz |
| **Connection Type** | Cable |
| **Terminal Type** | Screw |
| **Contact Resistance** | <25mOhm max. |
| **Rated Insulation Voltage** | 500V |
| **Impulse Withstand Voltage** | 6KV |

# Limit Switches

## Mechanical Specifications

| | |
|---|---|
| **Operating Force** | 0.1N |
| **Mounting Orientation** | Vertical |
| **Dimensions** | 30.3mm x 108mm x 32.5mm |
| **Length** | 30.3mm |
| **Width** | 108mm |
| **Depth** | 32.5mm |
| **Mechanical Life (Minimum)** | 15000000 Operations |

## Operation Environment Specifications

| | |
|---|---|
| **Maximum Operating Temperature** | +70°C |
| **Minimum Operating Temperature** | -25°C |
| **Ambient Temperature** | -30°C to 80°C |

## Protection Category

| | |
|---|---|
| **IP Rating** | IP66 |
| **Class of Protection Against Electric Shock** | Class II |

## Approvals

| | |
|---|---|
| **Compliance/Certifications** | UL, CSA, IMQ |
| **Standards Met** | CE, CSA, RU, UL |