

## FEATURES

- Roller plunger 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 12 N
- Operating temperature range of -25°C to +70°C
- Stringently tested to CE, CSA, RU and UL standards
- 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 Plunger, 400V, IP66

RS Stock No.: 902-6893



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 operate like sensors, making or breaking electrical connections when making contact. They're electromechanical detection devices that are used to count passing objects. Using springs to open and shut connections, they can quickly change the direction of power between two devices.

## General Specifications

<b>Actuator Type</b>	Roller Plunger
<b>Pole and Throw Configuration</b>	DPST
<b>Normal State Configuration</b>	NO/NC
<b>Contact Type</b>	Snap
<b>Applications</b>	Warehouses, Car Parks, Walkways, Construction areas, Parks and gardens, Home security

### Materials

<b>Housing Material</b>	Zinc Alloy
-------------------------	------------

## Electrical Specifications

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

## Mechanical Specifications

<b>Operating Force</b>	12N
<b>Mounting Orientation</b>	Vertical
<b>Dimensions</b>	30.3mm x 86mm x 32.5mm
<b>Length</b>	30.3mm
<b>Width</b>	86mm
<b>Depth</b>	32.5mm
<b>Mechanical Life (Minimum)</b>	15000000 Operations

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+70°C
<b>Minimum Operating Temperature</b>	-25°C
<b>Ambient Temperature</b>	-30°C to 80°C

## Protection Category

<b>IP Rating</b>	IP66
<b>Class of Protection Against Electric Shock</b>	Class II

## Approvals

<b>Compliance/Certifications</b>	UL, CSA, IMQ
<b>Standards Met</b>	CE, CSA, RU, UL



