

## 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 0.1 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, Coil Spring, 400V, IP66

RS Stock No.: 902-6903



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 use springs to open and close connections, allowing them to change the direction of power between two devices quickly. Essentially, they act as sensors, making or breaking electrical connections whenever triggered by contact. This model is very easy to use and has a handy screw terminal. It's made from sturdy zinc alloy and is resistant to electromagnetic disturbances.

## General Specifications

<b>Actuator Type</b>	Coil Spring
<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
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## 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>	0.1N
<b>Mounting Orientation</b>	Vertical
<b>Dimensions</b>	30.3mm x 172.5mm x 32.5mm
<b>Length</b>	30.3mm
<b>Width</b>	172.5mm
<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



