

## FEATURES

- Snap contact limit switch
- Double pole, single throw configuration contains two circuits with normally open (NO) or normally closed (NC) contacts
- Housing made from die-cast zinc alloy and thermoplastic
- Vertical mount
- Roller plunger actuator
- Minimum operating temperature of  $-25^{\circ}\text{C}$
- Maximum operating temperature of  $+70^{\circ}\text{C}$
- Voltage rating of 250 V dc, 240 V ac
- Current rating of 10 A
- Length of 31.5 mm
- Width of 70 mm
- Depth of 16 mm
- IP67-rated for water resistance

## RS PRO, Snap Limit Switch - Die Cast Zinc Alloy, Thermoplastic, NO/NC, Roller Plunger, 240V, IP67

RS Stock No.: 902-6929



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

This easy-to-use electromechanical switch from RS PRO can detect a target object's presence and position, count passing objects and set limits on an object's travel. It has a die-cast zinc alloy casing sealed with epoxy resin at the box base and is fitted with a roller plunger actuator.

## 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>	Die Cast Zinc Alloy, Thermoplastic
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## Electrical Specifications

<b>Maximum Current</b>	5A
<b>Maximum AC Voltage</b>	240V
<b>Maximum DC Voltage</b>	250V
<b>Frequency</b>	50Hz
<b>Connection Type</b>	Cable
<b>Terminal Type</b>	Wire Lead
<b>Contact Resistance</b>	<25mOhm max.
<b>Rated Insulation Voltage</b>	400V
<b>Impulse Withstand Voltage</b>	6KV

## Mechanical Specifications

<b>Operating Force</b>	10N
<b>Mounting Orientation</b>	Vertical
<b>Dimensions</b>	31.5mm x 70mm x 16mm
<b>Length</b>	31.5mm
<b>Width</b>	70mm
<b>Depth</b>	16mm
<b>Mechanical Life (Minimum)</b>	10000000 Operations

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+70°C
<b>Minimum Operating Temperature</b>	-25°C
<b>Ambient Temperature</b>	-40°C to 70°C

## Protection Category

<b>IP Rating</b>	IP67
<b>Class of Protection Against Electric Shock</b>	Class I

## Approvals

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



