

## FEATURES

- Moulded switch case with 2 slotted fixing holes
- Robust sealed switch

# RS PRO Reed Switch Rectangular 175V, CO, 400mA

RS Stock No.: 811-0748



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.

# Magnetic Proximity Switches

## Product Description

RS PRO range of rectangular magnetic proximity reed switches which provide a simple and cost-effective solution to position or limit sensing applications. Reed switches are often employed to carry out such functions as linear actuator switches, security system switches and door switches.

Options include:

811-0748 - Proximity Switch - Reed based changeover contacts

811-0736 - Proximity Switch - Normally Open Contacts

811-0745 - Rectangular Encapsulated Magnet

## General Specifications

<b>Switch Shape</b>	Rectangular
<b>Normal State Configuration</b>	CO
<b>Material</b>	Glass filled Nylon (30% glass)
<b>Pole and Throw Configuration</b>	Single-pole, Double-throw
<b>Output Type</b>	Open/Closed
<b>Style</b>	Change over
<b>Applications</b>	Position sensing, Linear actuators, Security switching, Safety guards/devices

## Electrical Specifications

<b>Switching Distance</b>	8.0mm min
<b>Terminal Type</b>	Wire Lead
<b>Cable</b>	3 x 20 awg, blue, red and white

Contact Data	Conditions at 20°C	Min.	Typ.	Max.
Maximum Current				400mA
Maximum AC Voltage	AC			175V
Maximum DC Voltage	DC			175V
Contact Resistance	Measured with 40% overdrive			120mOhm
Breakdown Voltage		200V		

### Mechanical Specifications

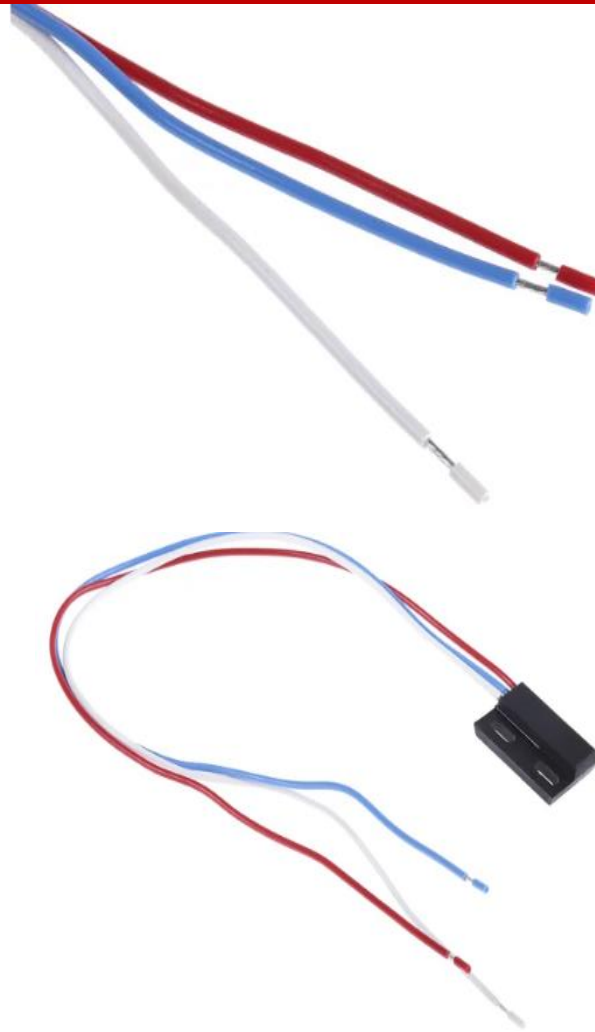
Dimensions	28.5mm x 19mm x 6.8mm
Length	28.5mm
Depth	6.8mm
Width	19mm
Total Length	328.5mm

### Operation Environment Specifications

Maximum Operating Temperature	-40°C
Minimum Operating Temperature	105°C

### Approvals

Compliance/Certifications	RoHS
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### DIMENSIONS

