

## FEATURES

- Normally open contact 6 mm activation distance
- Switching voltage 140 V ac, 200 V dc
- Maximum switching load 10 W, 0.25 A
- Operating temperature -40° to 85°C
- ABS plastic housing material
- 2 core cable - 2 x 0.14 mm<sup>2</sup> Grey PVC insulated, Brown/White
- Different sensing directions
- Non powered rectangular sensor

## RS PRO Reed Switch Rectangular 140V, NO/NC, 250mA

RS Stock No.: 136-5753



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

RS PRO compact reed proximity sensor which feature normally open contacts that close in the presence of a ferrous metal. These sensors are ideal for ferrous metal detection in robotics, automated production lines, security and safety applications.

Options include the following:

136-5753 - Reed switch front sensing

136-5754 - Reed switch bottom sensing

136-5755 - Reed switch top sensing

136-5756 - Reed switch side sensing

136-5757 - Reed switch top sensing

## General Specifications

<b>Switch Type</b>	Magnetic Proximity
<b>Switch Shape</b>	Rectangular
<b>Pole and Throw Configuration</b>	SPST-NO
<b>Normal State Configuration</b>	NO/NC
<b>Contact Position</b>	Normally open contacts
<b>Material</b>	ABS plastic housing material
<b>Applications</b>	Gate closed detection, Robotics sensing, Automated production lines, Safety guards

## Electrical Specifications

<b>Terminal Type</b>	Wire Lead
<b>Cable</b>	2 x 0.14 mm <sup>2</sup> Grey PVC insulated, Brown/ White

Contact Data	Conditions at 20°C	Min.	Typ.	Max.
Maximum Current				250A
Maximum AC Voltage	AC			140V
Maximum DC Voltage	DC			200V
Switching Frequency				100Hz
Contact Resistance				100mOhm

## Mechanical Specifications

Dimensions	40mm x 27mm x 15mm
Length	40mm
Depth	15mm
Width	27mm
Total Length	340mm

## Operation Environment Specifications

Maximum Operating Temperature	-40°C
Minimum Operating Temperature	85°C

## Approvals

Compliance/Certifications	RoHS
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