

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 Black 0.34 mm² Hook Up Wire, 22 AWG, 7/0.25 mm, 105°C PVC Insulation
- 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.

Magnetic Proximity Switches

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

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

Electrical Specifications

Terminal Type	Wire Lead
Cable	2 x Black 0.34 mm ² Hook Up Wire, 22 AWG, 7/0.25 mm, 105°C PVC Insulation.

Magnetic Proximity Switches

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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Magnetic Proximity Switches

