Assembly Instructions

MRS® Magnetic Reed Switch
Pig Tail Lead (Quick Connect on reverse side)
MRS-.087-□, MRS-1.5-□

CONTENTS: 1 switch
1 U-shaped bracket
1 button head hex screw  (Band may be ordered separately)

SWITCH MOUNTING INSTRUCTIONS

ELECTRICAL SPECIFICATIONS

MRS-.087-B
Contacts.....SPST Form A (Normally Open)
Contact Rating ..................10 Watts max.
Switch Voltage........200 Volts max. AC/DC
Maximum Current. 500 mA max. (Resistive)
Actuating Time Average ...............1.0 ms

MRS-.087-PBL
Contacts.....SPST Form A (Normally Open)
Contact Rating ..................2.5 Watts max.
Switch Voltage..... 3 to 120 Volts AC or DC
Minimum Current...........10 mA AC or DC
Maximum Current...........20 mA AC or DC
Actuating Time Average ...............1.0 ms

MRS-.087-BL
Contacts.....SPST Form A (Normally Open)
Contact Rating ..................9 Watts max.
Switch Voltage...............6 to 24 Volts
Maximum Current. 500 mA max. (Resistive)
Actuating Time Average ...............1.0 ms

MRS-1.5-B
Contacts.....SPST Form A (Normally Open)
Voltage Rating ..... 12 to 230 Volts (AC only)
Minimum Current...................0.1 amps
Maximum Current...1.5 amps @ 50ºF(10ºC)
0.5 amps @ 200ºF(93ºC)
Actuating Time Average ...............2.0 ms

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To learn more about this product, scan this QR code with your mobile device.
MRS® Magnetic Reed Switch
Quick Connect (Pig Tail Lead on reverse side)
MRS-.087-, MRS-1.5-\

**CONTENTS:**
1 switch
1 U-shaped bracket
1 button head hex screw (Band may be ordered separately)

**SWITCH MOUNTING INSTRUCTIONS**

**PIN AND WIRE ASSIGNMENTS**

8mm Female Connector

<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Brown – Positive</td>
</tr>
<tr>
<td>3</td>
<td>Blue – Negative / Neutral</td>
</tr>
<tr>
<td>4</td>
<td>Black – Output</td>
</tr>
</tbody>
</table>

(NOT USED FOR TWO WIRE SWITCH MODELS)

Model "C" - 2m Cable
Model "CX" - 5m Cable

**ELECTRICAL SPECIFICATIONS**

**MRS-.087-BQ**
Contacts........SPST Form A (Normally Open)
Contact Rating......................10 Watts max.
Switch Voltage....................120 Volts AC or DC
Maximum Current:...........500 mA (Resistive)
Actuating Time Average ..............1.0 ms

**MRS-.087-BLQ**
Contacts........SPST Form A (Normally Open)
Contact Rating......................9 Watts max.
Switch Voltage.....................6 to 24 Volts
Maximum Current:.......500 mA max. (Resistive)
Actuating Time Average ..............1.0 ms

**MRS-.087-PBLQ**
Contacts........SPST Form A (Normally Open)
Contact Rating.....................2.5 Watts max.
Switch Voltage..............3 to 120 Volts AC or DC
Minimum Current..................10mA AC or DC
Maximum Current...............20 mA AC or DC
Actuating Time Average ..............1.0 ms

**MODEL SPECIFICATIONS**

**MRS-.087-BQ and MRS-.087-PBLQ**
8mm Male Connector

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**NOT CONNECTED FOR 2 WIRE SWITCH MODELS**

**MRS-.087-BLQ**
8mm Male Connector