**Screw Mount With Wire Leads**

**1085 Series**

**Applications**
- Convenient surface mounting
- Mounting screws included

**General Specifications**

- **Enclosure**: ABS Plastic
- **Temperature Range**: -40°F to 150°F (-40°C to 65°C)
- **Environmental**: Hermetically Sealed Reed Switch Encapsulated in Polyurethane
- **NEMA Rating**: 1, 2, 3, 4, 4x, 5, 6, 12
- **Protection Class**: IP 67
- **Response Time**: 1 msec max.
- **Life Cycles**: 100,000 Under Full Load, 10,000,000 Under Dry Circuit
- **Lead Types/O.D.**: #22 wire / 0.05" (0.15cm)
- **Color Choices**: Natural(N), Mahogany(M), Grey(G)
- **UL/ULC Listed**: All Models

**Order Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Contact† Configuration</th>
<th>Load Rating (AC/DC)</th>
<th>Switching Voltage (AC/DC)</th>
<th>Switching Current (AC/DC)</th>
<th>Contact Resistance</th>
<th>Sense Range‡ Nominal</th>
<th>Lead Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1085-G, M, N</td>
<td>N.O.</td>
<td>7.5W/VA</td>
<td>100V</td>
<td>0.5A</td>
<td>0.2 Ohms</td>
<td>0.6&quot; (1.6cm)</td>
<td>1'</td>
</tr>
<tr>
<td>1085W-M, N</td>
<td>N.O.</td>
<td>7.5W/VA</td>
<td>100V</td>
<td>0.5A</td>
<td>0.2 Ohms</td>
<td>1.5&quot; (3.8cm)</td>
<td>1'</td>
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<tr>
<td>1086-N</td>
<td>N.C.</td>
<td>3W/VA</td>
<td>30V</td>
<td>0.25A</td>
<td>0.2 Ohms</td>
<td>0.6&quot; (1.6cm)</td>
<td>1'</td>
</tr>
<tr>
<td>1086W-M</td>
<td>N.C.</td>
<td>3W/VA</td>
<td>30V</td>
<td>0.25A</td>
<td>0.2 Ohms</td>
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</tr>
<tr>
<td>1081-N</td>
<td>Actuator Only</td>
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</tbody>
</table>

**Warning** — Each electrical rating is an individual maximum and cannot be exceeded!

† Configuration with actuator away from the switch

‡ Proximity of ferrous materials usually reduces sense range — typically by 50%. The shape and type of material cause a wide diversity of effects. Testing is required to determine actual sense range for specific applications. As measured on a nonferrous surface.

Gap distances are nominal make distance ± 20%. Gap Specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.