Description
Ideal for commercial vehicles and trucks as well as marine applications, the 08070000 Series 250A SPST Bi-Stable Remote-Control Battery Isolation Relay is a current isolating electrical switch with mechanical ON-OFF position. This bi-stable relay consumes no power in the ON or OFF states, which makes it well-suited to battery disconnect applications.

A wide variety of configurations of the remote relay are available with options for IP65 or IP67/X9K ratings, 4-way DIN or Superseal connectors or 8-way DTM connectors, and with and without time delay features.

In addition, models are available with 16V or 32V main contacts, 12V or 24V coil ratings, and with or without auxiliary contacts.

Web Resources
Download 2D print, installation guide and technical resources at: littelfuse.com/08070000

Specifications
- Max Continuous Voltage: 16V, 32V
- Current Rating Continuous in Amps: 250A
- Circuitry: SPST
- Operating Temp Range: -40°C / +85°C
- Input Terminal: M10
- Housing: Plastic + Thermosetting
- Short Term (Intermittent) Current Rating: 800A (30sec)
- Max Short Circuit Current: 2000A (5sec)

Applications
- Heavy-Duty Trucks
- Buses
- Construction
- Agricultural
- Marine

Features and Benefits
- Suitable for high-current applications thanks to a 250A continuous current rating, 2000A (5 sec) short circuit rating, and 800A (30 sec) intermittent current rating
- Bi-stable relay consumes no power in the ON or OFF states, which reduces waste heat, making it ideal for battery disconnect applications
- IP65 or IP67/X9K ratings available to suit both commercial and marine applications
- Remote operation via 4-way DIN or Superseal connector or 8-way DTM connector
- Maximum voltage ratings of 16V or 32V, depending on the model
- 12V, 24V, and 12V/24V coil ratings are available
- Select models have auxiliary contacts
## Ordering Information

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>INGRESS PROTECTION</th>
<th>AUXILIARY CONTACTS</th>
<th>CONNECTOR</th>
<th>COIL VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>08070500</td>
<td>32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, Time Delay, IP67/X9K &amp; Positive Disconnection</td>
<td>IP67X9K</td>
<td>NO</td>
<td>4-way DIN</td>
<td>12/24V</td>
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<td>08070600</td>
<td>32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, Time Delay, IP67/X9K &amp; Negative Disconnection</td>
<td>IP67X9K</td>
<td>NO</td>
<td>4-way DIN</td>
<td>12/24V</td>
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<tr>
<td>08070700</td>
<td>32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, IP67/X9K &amp; Positive Disconnection</td>
<td>IP67X9K</td>
<td>NO</td>
<td>4-way DIN</td>
<td>12/24V</td>
</tr>
<tr>
<td>08070760</td>
<td>32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, IP67/X9K &amp; Positive Disconnection - Packaged with 4m Ext. Cable</td>
<td>IP67X9K</td>
<td>NO</td>
<td>4-way DIN</td>
<td>12/24V</td>
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<tr>
<td>08094270</td>
<td>32V 250A Bi-Stable Relay with 24V Coil, 4-Way DIN, Male Connector, IP65 &amp; Positive Disconnection</td>
<td>IP65</td>
<td>NO</td>
<td>4-way DIN</td>
<td>24V</td>
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<tr>
<td>08094270.01</td>
<td>32V 250A Bi-Stable Relay with 24V Coil, 4-Way DIN, Male Connector, IP65 &amp; Positive Disconnection</td>
<td>IP65</td>
<td>NO</td>
<td>4-way DIN</td>
<td>24V</td>
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<tr>
<td>08070161</td>
<td>16V 250A Bi-Stable Relay with 12V Coil, 4-Way DIN, IP65, Aux Contact &amp; Positive Disconnection</td>
<td>IP65</td>
<td>1x2A</td>
<td>4-way DIN</td>
<td>12V</td>
</tr>
<tr>
<td>08070362</td>
<td>16V 250A Bi-Stable Relay with 12V Coil, 8-Way DTM, 1 Hr. Time Delay, Auxiliary Contacts &amp; IP67/X9K</td>
<td>IP67X9K</td>
<td>1x2A + 1x0.2A</td>
<td>8-way DTM</td>
<td>12V</td>
</tr>
</tbody>
</table>