**M-290 SERIES**  
**36V DPST MARINE-GRADE MANUAL MASTER BATTERY DISCONNECT SWITCH**

**Description**

Ideal for boats, commercial marine vehicles, buses, heavy trucks, and emergency vehicles, the M-290 Series 36V DPST Marine-Grade Manual Master Battery Disconnect Switch features a compact design with a marine-grade, brass case and lever actuator.

The marine battery disconnect switch has double-pole, single-throw (DPST), normally open (NO) circuitry, which reliably disconnects a battery from a vehicle electrical system.

UL listed models, as well as O-ring sealed versions of the marine battery switch, are available to meet the requirements of different applications.

**Web Resources**

Download 2D print, installation guide and technical resources at: littelfuse.com/M-290

**Applications**

- Commercial Marine  
- Boats  
- Emergency Vehicles  
- Heavy-Duty Trucks  
- Buses/Transit

**Features and Benefits**

- Available with 175A or 125A continuous current rating for the large studs and 20A continuous current rating for the small studs  
- Marine-grade, brass case and lever actuator make it simple to use the battery cutoff switch in boats, emergency vehicles, and heavy-duty trucks  
- Double-pole, single-throw (DPST), normally open (NO) circuitry for disconnecting a battery from a vehicle electrical system  
- Compact design and through-hole mounting enable easy installation  
- UL-listed models are available  
- Select models feature an O-ring seal in the bushing  
- Silver-plated contact options for high conductivity and low contact resistance

**Specifications**

**Current Rating Continuous in Amps:**

- Large Studs: 175A at 6-36V DC  
- Small Studs: 20A at 6-36V DC

**Max Voltage Rating:**

- 36V

**Circuitry:**

- DPST

**Housing:**

- Brass

**Input Terminals:**

- 2x “B” Stud: 3/8” - 24  
- 2x “F” Stud: #10-32

**Mounting Method:**

- Through-Hole

**Mounting Hole:**

- Ø20.63

**Mounting Stem:**

- 3/4” - 16

**Hardware:**

- 4x 3/8”-24 Hex Nut  
- 4x 3/8” Lockwasher  
- 4x #10-32 Hex Nut  
- 4x #10 Lockwasher

**Ordering Information**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>INTERMITTENT CURRENT IN AMPS (AMPS)</th>
<th>NORMAL POSITION</th>
<th>ACTUATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-290</td>
<td>36V 175A Marine Battery Disconnect Switch</td>
<td>Large studs: 1000A at 6-36V DC 15 sec On, 5 min Off</td>
<td>Open</td>
<td>Lever</td>
</tr>
<tr>
<td>M-290-01</td>
<td>36V 175A Marine Battery Disconnect Switch with O-Ring Seal</td>
<td>Large studs: 1000A at 6-36V DC 15 sec On, 5 min Off</td>
<td>Open</td>
<td>Lever</td>
</tr>
<tr>
<td>M-290-01-BX</td>
<td>36V 175A Marine Battery Disconnect Switch with O-Ring Seal - Boxed</td>
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<td></td>
</tr>
<tr>
<td>M-290-05</td>
<td>36V 125A Marine Battery Disconnect Switch - UL Listed</td>
<td>Large studs: 800A at 6-36V DC 15 sec On, 5 min Off</td>
<td>Open</td>
<td>Lever</td>
</tr>
<tr>
<td>M-290-05-BX</td>
<td>36V 125A Marine Battery Disconnect Switch - UL Listed, Boxed</td>
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<tr>
<td>M-290-06</td>
<td>36V 125A Marine Battery Disconnect Switch with O-Ring Seal &amp; Silver-Plated Contacts - UL Listed</td>
<td>Large studs: 1000A at 6-36V DC 15 sec On, 5 min Off</td>
<td>Open</td>
<td>Lever</td>
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<tr>
<td>M-290-07</td>
<td>36V 175A Marine Battery Disconnect Switch with O-Ring Seal &amp; Silver-Plated Contacts</td>
<td>Large studs: 800A at 6-36V DC 15 sec On, 5 min Off</td>
<td>Open</td>
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