# M-290 Series
## 36V DPST Marine-Grade Manual Master Battery Disconnect Switch



M-290

## 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.

## Applications

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

## Specifications

| | |
|---|---|
| **Current Rating Continuous in Amps:** | Large Studs: 175A at 6-36V DC<br>Small Studs: 20A at 6-36V DC |
| **Max Voltage Rating** | 36V |
| **Circuitry:** | DPST |
| **Housing:** | Brass |
| **Input Terminals:** | 2x "B" Stud: 3/8"-24<br>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<br>4x 3/8" Lockwasher<br>4x #10-32 Hex Nut<br>4x #10 Lockwasher |

## 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

## Web Resources

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

## Ordering Information

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



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