

# 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.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/M-290](https://www.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 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 15 sec On, 5 min Off	Open	Lever
M-290-01-BX	36V 175A Marine Battery Disconnect Switch with O-Ring Seal - Boxed			Lever
M-290-05	36V 125A Marine Battery Disconnect Switch - UL Listed	Large studs: 800A at 6-36V DC 15 sec On, 5 min Off	Open	Lever
M-290-05-BX	36V 125A Marine Battery Disconnect Switch - UL Listed, Boxed			Lever
M-290-06	36V 125A Marine Battery Disconnect Switch with O-Ring Seal & Silver-Plated Contacts - UL Listed	Large studs: 1000A at 6-36V DC 15 sec On, 5 min Off	Open	Lever
M-290-07	36V 175A Marine Battery Disconnect Switch with O-Ring Seal & Silver-Plated Contacts	Large studs: 800A at 6-36V DC 15 sec On, 5 min Off	Open	Lever

### Specifications

<b>Current Rating Continuous in Amps:</b>	Large Studs: 175A at 6-36V DC Small Studs: 20A at 6-36V DC
<b>Max Voltage Rating</b>	36V
<b>Circuitry:</b>	DPST
<b>Housing:</b>	Brass
<b>Input Terminals:</b>	2x "B" Stud: 3/8"-24 2x "F" Stud: #10-32
<b>Mounting Method:</b>	Through-Hole
<b>Mounting Hole:</b>	Ø20.63
<b>Mounting Stem:</b>	3/4" - 16
<b>Hardware:</b>	4x 3/8"-24 Hex Nut 4x 3/8" Lockwasher 4x #10-32 Hex Nut 4x #10 Lockwasher

### 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