

# M-284 SERIES

## 36 V 175 A SINGLE-POLE BRASS-BODY MARINE BATTERY DISCONNECT SWITCH



M-284-01



M-284-02



M-284-09-BP

### Description

The M-284 Series 36 V 175 A Marine Battery Disconnect Switch is a marine-grade, brass-body master battery disconnect switch for boat and commercial vehicle applications that features single-pole, single-throw (SPST) circuitry.

Disconnecting a boat or vehicle battery from the electrical system with a master battery disconnect switch prevents potential thermal events and ensures the system is shut down during maintenance or an emergency. In addition, using a manual battery disconnect switch during periods of inactivity, such as when a boat or vehicle is stored, prevents parasitic loads from draining the battery.

This Cole Hersee brand disconnect switch is available in a variety of configurations, including UL Listed models and sealed models.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/M-284](https://www.littelfuse.com/M-284)

### Ordering Information

PART NUMBER	DESCRIPTION	INTERMITTENT CURRENT IN AMPS (AMPS)	INPUT TERMINAL	ACTUATOR
M-284	Battery Disconnect Switch with Copper Studs	1000A	Copper Stud 3/8"-24	Lever
M-284-01	Battery Disconnect Switch with Silver-Plated Brass Studs - UL Listed	800A	Brass Stud 3/8"-24	Lever
M-284-01-BP	Battery Disconnect Switch with Silver-Plated Brass Studs - UL Listed - Blister Pack	800A	Brass Stud 3/8"-24	Lever
M-284-01-BX	Battery Disconnect Switch with Silver-Plated Brass Studs - UL Listed - Boxed	800A	Brass Stud 3/8"-24	Lever
M-284-02	Battery Disconnect Switch with Silver-Plated Brass Studs - Sealed	1000A	Brass Stud 3/8"-24	Lever
M-284-02-BX	Battery Disconnect Switch with Silver-Plated Brass Studs - Sealed - Boxed	1000A	Brass Stud 3/8"-24	Lever
M-284-09-BP	Battery Disconnect Switch with Copper Studs & Faceplate - Blister Pack	1000A	Copper Stud 3/8"-24	Lever
M-284-A	Battery Disconnect Switch with Silver-Plated Brass Studs	1000A	Brass Stud 3/8"-24	Lever
M-284-A-BX	Battery Disconnect Switch with Silver-Plated Brass Studs - Boxed	1000A	Brass Stud 3/8"-24	Lever
M-284-BP	Battery Disconnect Switch with Copper Studs - Blister Pack	1000A	Copper Stud 3/8"-24	Lever
M-284-BX	Battery Disconnect Switch with Copper Studs - Boxed	1000A	Copper Stud 3/8"-24	Lever

### Specifications

<b>Current Rating Continuous in Amps:</b>	175A
<b>Max Voltage Rating</b>	36V
<b>Circuitry:</b>	SPST
<b>Housing:</b>	Brass
<b>Input Terminals:</b>	2x "B" Stud: 3/8"-24
<b>Mounting Method:</b>	Through-Hole
<b>Mounting Hole:</b>	Ø20.62
<b>Mounting Stem:</b>	3/4" - 16
<b>Hardware:</b>	2x Hex Nut 3/8"-24 2x Split LockWasher 3/8"
<b>Operating Temperature:</b>	40 °C to 85 °C

### Applications

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

### Features and Benefits

- Marine-grade, brass housing enables use in boating and commercial marine and vehicle applications
- 175 A continuous current rating
- Rated for 1000 A intermittent current at 15 seconds on, 5 minutes off or 800 A intermittent current at 15 seconds on, 5 minutes off, depending on the model
- Select models of the marine battery kill switch feature an O-ring seal at the mounting stem and a gasket seal at the terminal insulator
- Copper studs or silver-laminated brass studs, which offer high conductivity and low contact resistance
- Available as a UL Listed model