

# 08084000 SERIES

## 24V 250-350A 2-POLE HEAVY-DUTY BATTERY DISCONNECT SWITCH



08084300



08084500

### Description

Designed for heavy trucks and emergency vehicles and mining, material handling, construction, marine, and agricultural applications, the 08084000 Series 24V 250-350A 2-Pole Heavy-Duty Battery Disconnect Switch features high-performance materials that stand up to harsh conditions.

All models of the master battery disconnect switch meet IP67/IPX9K standards for protection against dust, temporary immersion in water, and close-range high-temperature, high-pressure spray downs.

In addition, this double-pole battery disconnect switch features a Smartkey design, which lets the operator choose between using the disconnect with a removable or fixed handle.

To match the needs of various commercial vehicle applications, the 24V battery disconnect switch is available in 250A models with or without a block on the key and in a 350A model with a block on the key.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/08084000](https://littelfuse.com/08084000)

### Specifications

<b>Max Continuous Voltage:</b>	24V
<b>Max Continuous Current Rating:</b>	250A, 350A
<b>Current Inrush Rating:</b>	1,000A, 1,500A, 2,500A
<b>Operating Temp Range:</b>	-40°C / +85°C
<b>Ingress Protection:</b>	IP67 / IPX9K
<b>Mounting Method:</b>	Pass-through
<b>Mounting Hole:</b>	Ø32 + locking 2* hole Ø8,3 at 110mm
<b>Mounting Stem:</b>	Ø32
<b>Circuitry:</b>	DPST

### Applications

- Off-Road and Heavy Trucks
- Mining and Material Handling
- Construction and Agriculture
- Emergency Vehicles
- Marine

### Features and Benefits

- 24V battery disconnect switch is available with a maximum continuous current rating of 250A or 350A, making it ideal for commercial vehicles
- Made with high-performance materials for resistance to high temperatures and chemical and atmospheric agents
- Designed to meet IP67/IPX9K standards for protection against dust, temporary immersion in water, and close-range high-temperature, high-pressure spray downs
- Double-pole, single-throw (DPST) circuitry
- Smartkey allows the operator to make the handle removable or fixed, locking it in either the OFF or ON position
- Tethered rubber cap prevents liquids and powders from getting inside the heavy-duty battery disconnect switch when the handle is pulled out of the handle hole
- Select models include a safety block button that must be pushed to operate the key

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### Ordering Information

PART NUMBER	DESCRIPTION	ACTUATOR	CURRENT RATING INRUSH (A)	INRUSH AMPS TIME PERIOD	OUTPUT TERMINAL
08084000	24V 250A 2-Pole Heavy-Duty Battery Disconnect Switch	key	1500A	10sec	4XM10
08084000-BX	24V 250A 2-Pole Heavy-Duty Battery Disconnect Switch - Boxed	key	1500A	10sec	4XM10
08084300	24V 250A 2-Pole Heavy-Duty Battery Disconnect Switch with Safety Block	key	1000A	10sec	4XM10
08084300-BX	24V 250A 2-Pole Heavy-Duty Battery Disconnect Switch with Safety Block - Boxed	key	1000A	10sec	4XM10
08084500	24V 350A 2-Pole Heavy-Duty Battery Disconnect Switch with Safety Block	key	1000A	10sec	4XM12
10846200	24V 250A 2-Pole Heavy-Duty Battery Disconnect Switch	key	2500A /1000A	3sec/30sec	4XM10