

# 08094400 SERIES

## 250A SINGLE-POLE REMOTE CONTROL CURRENT ISOLATING ELECTRICAL BATTERY DISCONNECT SWITCH



### Description

Turned on or off with the ignition key or a remote control, the 08094400 Series 250A Single-Pole Remote Control Current Isolating Electrical Battery Disconnect Switch is available in a wide variety of configurations to suit different requirements in heavy trucks, material handling equipment, construction vehicles, and more.

The 32V or 16V 250A battery relay switch is available with a 12V dc or 24V dc coil and comes in versions with positive disconnection, negative disconnection, or both positive and negative disconnection.

Protected against dust, water splashes, and high-temperature, high-pressure spray downs to IP65, IPX4K, and IPX9K standards, this battery isolator switch handles the harsh conditions of commercial vehicle environments.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/08094400](http://littelfuse.com/08094400)

### Specifications

<b>Max Voltage Rating:</b>	16V, 32V
<b>Current Rating Continuous:</b>	250A
<b>Circuitry:</b>	SPST
<b>Operating Temp Range:</b>	-40°/ +85°C
<b>Housing:</b>	PA66+Thermosetting
<b>Mounting Method:</b>	4 screws M8
<b>Max Short Circuit Current:</b>	2000A 30sec
<b>Insulation Resistance:</b>	10MΩ
<b>Voltage Drop:</b>	<300 mV
<b>Ingress Protection:</b>	IP65 IPX4K IPX9K

### Applications

- Heavy Trucks
- Material Handling
- Construction
- Agriculture
- Buses

### Features and Benefits

- Continuous current rating of 250A and a maximum short circuit rating of 2000A for 30 seconds enable use in high-current applications
- A variety of configurations are available with a maximum voltage rating of either 32V dc or 16V dc
- Remote-controlled battery disconnect is turned on or off with the ignition key or a remote control
- Protected against dust, water splashes, and high-temperature, high-pressure spray downs to IP65, IPX4K, and IPX9K standards
- Battery relay switch is available with positive disconnection, negative disconnection, or both positive and negative disconnection
- Single-pole, single-throw (SPST) circuitry
- Coil voltage options include 12V dc and 24V dc
- Available with an auxiliary contact

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### Ordering Information

PART NUMBER	DESCRIPTION	COIL VOLTAGE	INPUT TERMINALS	OUTPUT TERMINALS	AUXILIARY CONTACTS
08094500	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil & Positive Disconnection	24V	1M10+1M5	M10	NO
08094561	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil, Positive Disconnection & Cover	24V	1M10+1M5	M10	NO
08094562	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil, Positive Disconnection & Aux Contact	24V	1M10+1M6	M10+M12	1xM12
08094600	16V 250A Remote Control Electrical Battery Disconnect Switch with 12V Coil & Negative Disconnection	12V	1M10+1M5	M10	NO
08094700	16V 250A Remote Control Electrical Battery Disconnect Switch with 12V Coil & Positive Disconnection	12V	1M10+1M5	M10	NO
08094800	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil & Positive & Negative Disconnection with Separate Coil Feeding	24V	1M10+2M5	M10	NO
08094860	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil, Positive & Negative Disconnection with Separate Coil Feeding & Protective Cover	24V	1M10+1M5	M10	NO
08094860-0001	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil, Positive & Negative Disconnection with Separate Coil Feeding & Protective Cover	24V	1M10+1M5	M10	NO
08094900	16V 250A Remote Control Electrical Battery Disconnect Switch with 12V Coil & Positive & Negative Disconnection with Separate Coil Feeding	12V	1M10+2M5	M10	NO
08094900.02	16V 250A Remote Control Electrical Battery Disconnect Switch with 12V Coil & Positive & Negative Disconnection with Separate Coil Feeding	12V	1M10+2M5	M10	NO
08094960	16V 250A Remote Control Electrical Battery Disconnect Switch with 12V Coil, Positive & Negative Disconnection with Separate Coil Feeding & Protective Cover	12V	1M10+2M5	M10	NO