

# 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](https://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                 |