08094 SERIES

250A Single-Pole Remote Control Current Isolating Electrical Battery Disconnect Switch



08094500



08094960

Description

Turned on or off with the ignition key or a remote control, the 08094 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/08094**

Specifications

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

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