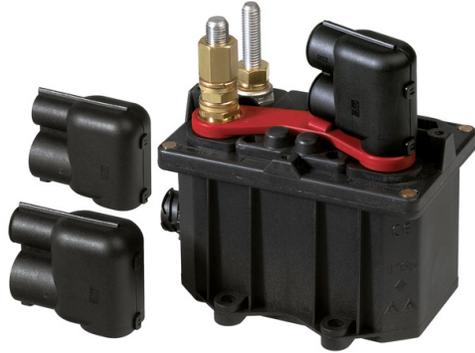


08097 SERIES

SPST Bi-Stable Current Isolating Remote Control Electrical Battery Disconnect Switch



08091761

Description

The 08097 Series SPST Bi-Stable Current Isolating Remote Control Electrical Battery Disconnect Switch is protected against dust and water jets to IP65 standards, making it suitable for commercial applications, such as heavy trucks, buses, marine vehicles, construction equipment, and more.

While traditional current isolating switches require a minimum current when they are turned on, models with “mechanical ON-OFF position,” such as the 08097 Series battery disconnect, absorb current only during the commuting phase or when switched from (OFF) to (ON) and vice versa. Generally referred to as “bi-stable with zero consumption,” their switches turn to closed or open state of the electric circuit.

The 08097 Series remote battery disconnect switch is available in various configurations with options for a 250A or 350A continuous current rating, 24V or 12V coil rating, and 4-way DIN or 7-way DIN connectors.

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/08097

Ordering Information

PART NUMBER	DESCRIPTION	INPUT TERMINALS	OUTPUT TERMINALS	RECOMMENDED TORQUE
08091761	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil & 4-Way DIN	1*M12 + 2*M10	M10+M12	M10/M12=20Nm
08097161	16V 250A Remote Control Electrical Battery Disconnect Switch with 12V Coil & 4-way DIN	2*M12 + 2*M6	M12	M12=20Nm M6=2Nm
08097262	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil, 4-Way DIN, and +/- Disconnection	2*M12 + 2*M6	M12	M12=20Nm M6=2Nm
08098100	32V 350A Remote Control Electrical Battery Disconnect Switch with 24V Coil and Alternator Disconnection	2*M12 + 1*M8 + 1*M6	M12+M8	M12=20Nm M8=10Nm M6=2Nm
08097260	32V 250A Remote Control Electrical Battery Disconnect Switch with 24V Coil & Cover	1*M12 + 1*M10 + 2*M6	M10+M12	M10/M12=20Nm M6=2Nm

Specifications

Max Voltage Rating:	16V, 32V
Current Rating Continuous:	250A, 350A
Circuitry:	SPST
Operating Temp Range:	-40°/ +85°C
Housing:	Plastic + Thermosetting
Mounting Method:	4 Screws M8
Max Short Circuit Current:	1500A 30sec
Normal Position:	OFF
Ingress Protection:	IP65

Applications

- Heavy Trucks
- Construction
- Agriculture
- Buses
- Marine

Features and Benefits

- Continuous current rating of 250A or 350A and a maximum short circuit rating of 1500A at 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
- Protected against dust and water jets to IP65 standards for use in commercial vehicle applications
- Remote-controlled battery disconnect with options for 4-way DIN or 7-way DIN connectors
- Single-pole, single-throw (SPST) circuitry
- Coil voltage options include 12V DC and 24V DC