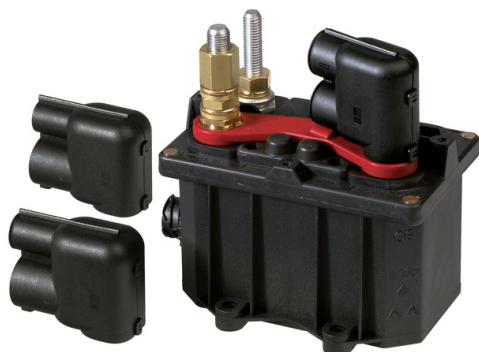


08097160 SERIES

SPST BI-STABLE CURRENT ISOLATING REMOTE CONTROL ELECTRICAL BATTERY DISCONNECT SWITCH



08097161

Description

The 08097160 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 08097160 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 08097160 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/08097160

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 |
| 08097860 | 32V 250A ADR Remote Control Electrical Battery Disconnect Switch with 24V Coil and + Disconnection | 1*M12 + 2*M10 | M10+M12 | M10/M12=20Nm |

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