08070000 & 08094270 BATTERY DISCONNECT SWITCHES

250A • SPST • IP65/IP67-9K • M10 Studs • Electrical bistable remote control

Specifications

- Max Operating Voltage: 12V DC, 24V DC
- Max Continuous Current: 250A
- Intermittent Current: 2500A at 3 sec
- Operating Temp: -40 °C to +85 °C
- Ingress Protection:
  - IP65: 08070000-08070100-08070060-08070160-08094270
  - IP67-9K: 08070500-08070600-08070700-08070760
- Contacts: Silver plated copper
- Terminals: M10 (brass or stainless steel)

Description

In shape and design the current isolating switches with mechanical ON-OFF position are very similar to the current isolating switches. But there is one difference: while traditional current isolating switches require a minimum current when they are turned on, models with “mechanical ON-OFF position” absorb current only during the commuting phase or when switched from (OFF) to (ON) and vice versa. Generally referred to as “bistable with zero consumption,” their switches turn to closed or open state of the electric circuit. They are ideally suited for commercial vehicles and trucks, as well as for boats, etc.

Features/Benefits

- 250A continuous current rating
- Waterproof IP65/IPX7

Applications

- Heavy trucks
- Commercial vehicles
- Buses
- Agricultural
- Construction
- Marine

Web Resources

Download technical resources at:
littelfuse.com/ElectricalBatteryDisconnectSwitches

Mounting Diagram

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>VOLTAGE</th>
<th>POL</th>
<th>AMPERAGE</th>
<th>CIRCUITRY</th>
<th>MOUNTING</th>
<th>INGRESS</th>
<th>TERMINAL NUTS</th>
<th>IMAGE DIAGRAM</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>08070000</td>
<td>24V DC</td>
<td>+</td>
<td>250A</td>
<td>SPST</td>
<td>Bolt-Down</td>
<td>IP65</td>
<td>M10 Silver-plated copper</td>
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<td>SPST</td>
<td>Bolt-Down</td>
<td>IP65</td>
<td>M10 Silver-plated copper</td>
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<td>IP67-9K</td>
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<td>250A</td>
<td>SPST</td>
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<td>IP67-9K</td>
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<td>250A</td>
<td>SPST</td>
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<td>IP67-9K</td>
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</table>
Electrical Diagram

All the range ± disconnection separate coil feeding

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Accessories available on request page 9
08070000 & 08094270 BATTERY DISCONNECT SWITCHES

Dimensions in millimeters

08070000 - 08070100 - 08094270

08070060 - 08070160

08070500 - 08070600

08070700 - 08070760

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