Description

The 08075062 Series 32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch is a single-pole, single-throw (SPST) current isolating switch designed for use in commercial vehicles, including heavy trucks, construction equipment, and more. Thanks to its waterproof IP67/X9K rating, this series is also suited for use as a marine battery disconnect switch.

While traditional current isolating switches require a minimum current when they are turned on, models with “magnetic ON-OFF position” 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 08075062 Series automotive battery disconnect switch is available in various configurations. Models are available with positive and negative disconnection, positive or negative disconnection (watchdog), or positive only disconnection. This series also includes a version that is designed for ADR-equipped vehicles as well as models with a time delay and models with a 2A auxiliary contact.

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/08075062

Specifications

- Max Voltage Rating: 32V
- Current Rating Continuous: 250A
- Circuitry: SPST
- Operating Temp Range: -40°/ +85°C
- Housing: Plastic + Thermosetting
- Max Short Circuit Current: 2000A sec
- Input Terminals: M10
- Output Terminals: M10
- Coil Voltage: 12/24V

Applications

- Heavy Trucks
- Construction
- Agriculture
- Buses
- Marine

Features and Benefits

- Continuous current rating of 250A, intermittent current rating of 1000A at 30 seconds, and maximum short circuit rating of 2000A at 5 seconds enable use in high-current applications
- Waterproof IP67/X9K rating allows for use as an automotive or marine battery disconnect switch
- Single-pole, single-throw (SPST) circuitry
- 12/24V coil rating
- Versions are available with positive and negative disconnection, positive or negative disconnection (watchdog), or positive only disconnection
- Select models feature a 2A auxiliary contact
- Configurations with a time delay are available
- Series includes a version for ADR-equipped vehicles
# 08075062 SERIES

**32V 250A WATERPROOF BI-STABLE MAGNETIC BATTERY DISCONNECT SWITCH**

## Ordering Information

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>AUXILIARY CONTACTS</th>
<th>CONNECTOR</th>
<th>TIME DELAY RANGE</th>
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<tbody>
<tr>
<td>08075063</td>
<td>32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 2-Way Pigtail</td>
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<td>2-Way Pigtail</td>
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<td>08075064</td>
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<td>08075100</td>
<td>32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 4-Way DIN, + Disconnection, &amp; 3-Minute Time Delay</td>
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<td>4-Way Din</td>
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<td>4-Way Din</td>
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<td>32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 7-Way DIN, + or - Disconnection &amp; Time Delay</td>
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<td>7-Way Din</td>
<td>30-60-180-360</td>
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<td>4-Way Din</td>
<td>180</td>
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<td>08075163</td>
<td>32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 7-Way DIN, + or - Disconnection &amp; Time Delay</td>
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<td>7-Way Din</td>
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<tr>
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