08075062 SERIES

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



08075063

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

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**

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

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Ordering Information

PART NUMBER	DESCRIPTION	AUXILIARY CONTACTS	CONNECTOR	TIME DELAY RANGE
08075063	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 2-Way Pigtail	NO	2-Way Pigtail	-
08075064	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 4-Way DIN and + Disconnection	NO	4-Way Din	-
08075100	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 4-Way DIN, + Disconnection, & 3-Minute Time Delay	NO	4-Way Din	180
08075160	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 4-Way DIN, + Disconnection & 6-Minute Time Delay	NO	4-Way Din	360
08075161	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 7-Way DIN, + or - Disconnection & Time Delay	1x2A	7-Way Din	30-60-180-360
08075162	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 4-Way DIN, + Disconnection, & 3-Minute Time Delay	NO	4-Way Din	180
08075163	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 7-Way DIN, + or - Disconnection & Time Delay	1x2A	7-Way Din	30-60-180-360
08075164	32V 250A Waterproof Bi-Stable Magnetic Battery Disconnect Switch with 4-Way DIN and + Disconnection	NO	4-Way Din	-
08075200	32V 250A Waterproof ADR Bi-Stable Magnetic Battery Disconnect Switch with 7-Way DIN, + Disconnection & Auxiliary Contact	1x2A	7-Way Din	-

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