08070000 SERIES
250A SPST BI-STABLE REMOTE-CONTROL BATTERY ISOLATION RELAY



08070000

Specifications

Max Continuous Voltage:	16V, 32V
Current Rating Continuous in Amps:	250A
Circuitry:	SPST
Operating Temp Range:	-40°C / +85°C
Input Terminal:	M10
Housing:	Plastic + Thermosetting
Short Term (Intermittent) Current Rating:	800A (30sec)
Max Short Circuit Current:	2000A (5sec)

Applications

- Heavy-Duty Trucks
- Buses
- Construction
- Agricultural
- Marine

Description

Ideal for commercial vehicles and trucks as well as marine applications, the 08070000 Series 250A SPST Bi-Stable Remote-Control Battery Isolation Relay is a current isolating electrical switch with mechanical ON-OFF position. This bi-stable relay consumes no power in the ON or OFF states, which makes it well-suited to battery disconnect applications.

A wide variety of configurations of the remote relay are available with options for IP65 or IP67/X9K ratings, 4-way DIN or Superseal connectors or 8-way DTM connectors, and with and without time delay features.

In addition, models are available with 16V or 32V main contacts, 12V or 24V coil ratings, and with or without auxiliary contacts.

Features and Benefits

- Suitable for high-current applications thanks to a 250A continuous current rating, 2000A (5 sec) short circuit rating, and 800A (30 sec) intermittent current rating
- Bi-stable relay consumes no power in the ON or OFF states, which reduces waste heat, making it ideal for battery disconnect applications
- IP65 or IP67/X9K ratings available to suit both commercial and marine applications
- Remote operation via 4-way DIN or Superseal connector or 8-way DTM connector
- Maximum voltage ratings of 16V or 32V, depending on the model
- 12V, 24V, and 12V/24V coil ratings are available
- Select models have auxiliary contacts

Web Resources

Download 2D print, installation guide and technical resources at: **littelfuse.com/08070000**

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Ordering Information

PART NUMBER	DESCRIPTION	INGRESS PROTECTION	AUXILIARY CONTACTS	CONNECTOR	COIL VOLTAGE
08070500	32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, Time Delay, IP67/X9K & Positive Disconnection	IP67X9K	NO	4-way DIN	12/24V
08070600	32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, Time Delay, IP67/X9K & Negative Disconnection	IP67X9K	NO	4-way DIN	12/24V
08070700	32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, IP67/X9K & Positive Disconnection	IP67X9K	NO	4-way DIN	12/24V
08070760	32V 250A Bi-Stable Relay with 12/24V Coil, 4-Way DIN, IP67/X9K & Positive Disconnection - Packaged with 4m Ext. Cable	IP67X9K	NO	4-way DIN	12/24V
08094270	32V 250A Bi-Stable Relay with 24V Coil, 4-Way DIN, Male Connector, IP65 & Positive Disconnection	IP65	NO	4-way DIN	24V
08094270.01	32V 250A Bi-Stable Relay with 24V Coil, 4-Way DIN, Male Connector, IP65 & Positive Disconnection	IP65	NO	4-way DIN	24V
08070161	16V 250A Bi-Stable Relay with 12V Coil, 4-Way DIN, IP65, Aux Contact & Positive Disconnection	IP65	1x2A	4-way DIN	12V
08070362	16V 250A Bi-Stable Relay with 12V Coil, 8-Way DTM, 1 Hr. Time Delay, Auxiliary Contacts & IP67/X9K	IP67X9K	1x2A + 1x0.2A	8-way DTM	12V

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