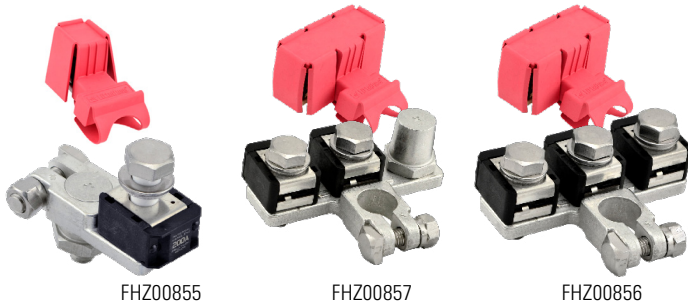


# ZCASE® BMZF SERIES

## FORGED BATTERY-MOUNTED FUSE HOLDER



### Description

The Littelfuse 32V Bolt-Down ZCASE® BMZF Series Forged Battery-Mounted Fuse Holder features a built-in battery clamp, which allows the installation of ZCASE® M10 fuses (sold separately) directly on a post-style battery terminal. Made with forged brass, the compact battery post fuse holder is designed for heavy-duty, high-current applications in crowded spaces.

Utilizing a special insulated bolt, the ZCASE® BMZF Series fuse holder ensures reliable high-current connections. The metal bolt head and mineral isolating washer enable the proper torque application and help prevent torque reduction over time. The bolt assembly also features an integrated isolation shell to prevent current from bypassing the fuse element.

The ZCASE® BMZF Series is available as a single-fuse holder as well as a multi-fuse holder (2- or 3- position). Kits come with a red UL 94 rated cover to help prevent accidental contact with the fusing.

### Applications

- High-Current Starter Fusing
- Pre-Fuse Short Circuit Protection
- Battery Box / Engine Compartment Fusing
- High-Current Accessory Fusing
- Work Truck Body Modifications to OEM Chassis

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/bmzf](http://littelfuse.com/bmzf)

### Ordering Information

PART NUMBER	DESCRIPTION	CURRENT RATING MAX	FUSE TYPE	MOUNTING METHOD	MAX VOLTAGE RATING	CURRENT RATING CONTINUOUS	CURRENT RATING MAX TERMINAL
FHZ00855	32V Bolt-Down 1-Position Forged Battery-Mounted Fuse Holder Base, Insulated Bolt, and Cover	250A	ZCASE	Battery Post Clamp	32V	187A	250A
FHZ00856	32V Bolt-Down 3-Position Forged Battery-Mounted Fuse Holder Base, 3 Isolated Bolts, and Cover	325A	ZCASE	Battery Post Clamp	32V	243A	325A
FHZ00857	32V Bolt-Down 2-Position Forged Battery-Mounted Fuse Holder with 3-Position Base, Positive Battery Post, 2 Isolated Bolts, and Cover	325A	ZCASE	Battery Post Clamp	32V	243A	325A
FHZ00855-BP	32V Bolt-Down 1-Position Forged Battery-Mounted Fuse Holder Base, Insulated Bolt, and Cover - Blister Pack	250A	ZCASE	Battery Post Clamp	32V	187A	250A
FHZ00855-BX	32V Bolt-Down 1-Position Forged Battery-Mounted Fuse Holder Base, Insulated Bolt, and Cover - Boxed	250A	ZCASE	Battery Post Clamp	32V	187A	250A
FHZ00856-BX	32V Bolt-Down 3-Position Forged Battery-Mounted Fuse Holder Base, 3 Isolated Bolts, and Cover - Boxed	325A	ZCASE	Battery Post Clamp	32V	243A	325A
FHZ00857-BX	32V Bolt-Down 2-Position Forged Battery-Mounted Fuse Holder with 3-Position Base, Positive Battery Post, 2 Isolated Bolts, and Cover - Boxed	325A	ZCASE	Battery Post Clamp	32V	243A	325A
901-704	Cover for 1-Position ZCASE® BMZF Series Fuse Holders	-	-	-	-	-	-
901-705	Cover for 2- and 3-Position ZCASE® BMZF Series Fuse Holders	-	-	-	-	-	-

### Specifications

#### Agency Approval - Shock

Thermal:	ISO16750-4, 5.3.2
Mechanical:	ISO16750-3, 4.2.2

#### Current Rating Continuous

One Position:	187 A
Two and Three Position:	243 A

#### Current Rating Max

One Position:	250 A
Two and Three Position:	325 A

#### Current Rating Max Terminal

One Position:	250 A
Two and Three Position:	325 A

#### Fuse Type:

Flammability Rating:	UL 94 V-2
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#### Max Voltage Rating:

Max Voltage Rating:	32V
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#### Application Notes

UL rating belongs to the red cover and not to the entire assembly.

#### Input Terminals:

Input Terminals:	M8 Stud Mount Hole
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#### Mounting Method:

Mounting Method:	Battery Post Clamp
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#### Output Terminals:

Output Terminals:	M10 Stud
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#### Recommended Torque

M10 Bolt torque:	16±2 N·m
M8 Shoulder nut torque:	12±1 N·m
One Position:	10±1 N·m
Two and Three Position:	12±1 N·m

#### Temperature in Celsius

Operation temperature:	-40 °C ~ +105 °C
Storage temperature:	-55 °C ~ 125 °C

#### Temperature in Fahrenheit

Operation temperature:	-40 °F ~ +221 °F
Storage temperature:	58 °F ~ 257 °F

### Features and Benefits

- Compatible with Littelfuse ZCASE® M10 high-current bolt-down fuses (sold separately)
- Built-in battery clamp enables installation of high-current fusing directly on a post-style battery terminal
- Forged brass design withstands heavy cables and harsh battery box and underhood conditions
- Compact footprint and direct-mounting style reduce wiring and eliminate costs traditionally associated with high-current fuse holders
- Insulated bolt features a metal bolt head for proper torque application and a reliable high-current connection
- Mineral isolating washer prevents long-term torque reduction due to creep
- Available in 1-position, 2-position, and 3-position fuse holder configurations