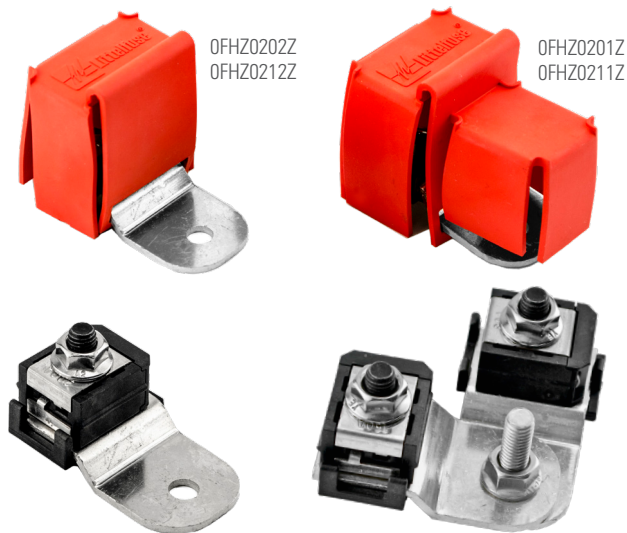


# SMZ SERIES STUD MOUNT ZCASE® FUSE HOLDER

400A • 80V DC Max • ZCASE®



Shown without cover

Holders can be stacked for 2 pole  
Fuses sold separately

## Description

The SMZ stud mount fuse holder allows you to mount fusing directly to a M8 or M10 stud on applications such as batteries, alternators, battery switches or electrical relays. The SMZ series accepts the Littelfuse proprietary ZCASE fuse that is available in 40-600A ratings with similar characteristics to the MEGA® fuse. The SMZ stud mount fuse holder is ideal for stacking to create a 2 pole version (see image above) and is secured to a stud using a standard M8 or M10 nut (sold separately). The insulated bolt on the busbar eliminates the traditional need for nylon nuts used on legacy CF8 fuses. The ZCASE fuses can be assembled using a standard M8 flange nut included with each part number.

The SMZ stud mount fuse holder features a compact design which saves space and eliminates the need to wire in a separate fuse holder or power distribution module. Additional circuits are added to the battery circuit directly on top of the ZCASE fuse with wired ring terminals. The fuse holder is available in 4 configurations, each with a red protective cover designed to reduce the risk of accidental contact with the fuse or battery terminal.

## Ordering Information

## Features and Benefits

- Mounts directly to a M10 or M8 stud
- Uses high amp ZCASE fuses, (M8) available 40-600A
- Tin plate coating on the busbar ensures corrosion resistance
- Fusing directly on the alternator, battery switch or relay reduces the number of wire connections and parts counts which helps to lower assembly times.
- ZCASE fuse holder uses an isolated stud so any standard M8 nut can be used (included), simplifying replacement and repair

## Specifications

<b>Voltage Rating:</b>	80 V DC or max rating of the fuse
<b>Max Continuous Current:</b>	400A
<b>Available Fuse Rating:</b>	40- 600A
<b>Fuse Terminal Torque:</b>	M8 Nut: 14 ± 2 Nm
<b>Operating Temp:</b>	-40° to 105° C

## Applications

- Mounts directly to a stud style battery terminal or alternator stud
- Mounts directly to a battery switch or relay stud
- Consolidate multiple fuseholders and reduce wiring
- High amperage starter circuit protection

## Recommended Fuse



ZCASE® 40-600A Bolt-Down Fuses

## Web Resources

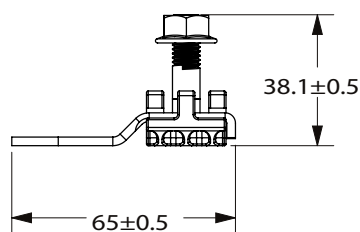
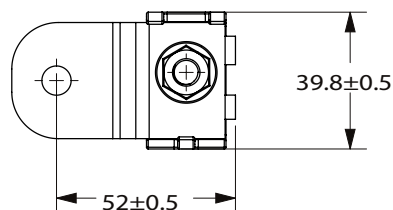
Download 2D print, 3D model and more at:  
[littelfuse.com/smz](http://littelfuse.com/smz)

PART NUMBER	MOUNTING HOLE SIZE	FUSE TERMINAL NUT (M8)	COVER STYLE	
			901-525 FUSE/STUD COVER	901-524 FUSE COVER
0FHZ0201Z	M8 (8.5mm)	•	•	
0FHZ0202Z	M8 (8.5mm)	•		•
0FHZ0211Z	M10 (10.5mm)	•	•	
0FHZ0212Z	M10 (10.5mm)	•		•

## SMZ SERIES STUD MOUNT ZCASE® FUSE HOLDER

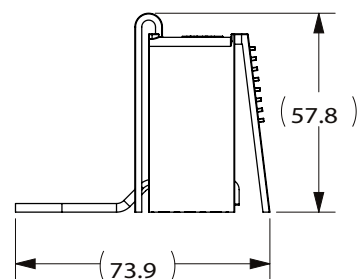
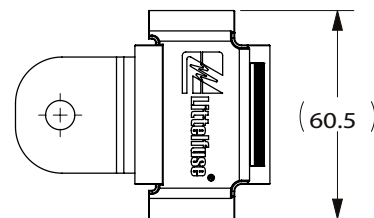
### Dimensions in millimeters

#### SMZ Series Without Cover



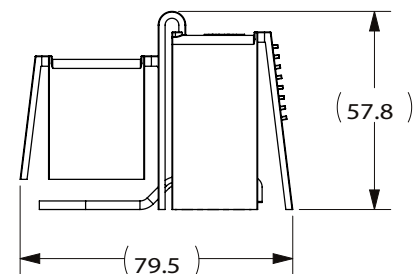
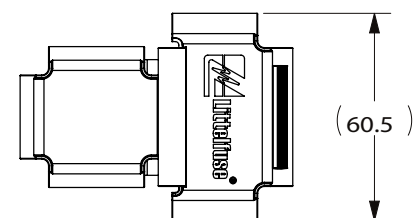
#### With Fuse Cover

0FHZ0202Z & 0FHZ0212Z



#### With Fuse and Stud Cover

0FHZ0201Z & 0FHZ0211Z



### Related Products

#### ZCASE® • 40-600A • Bolt-Down Fuses

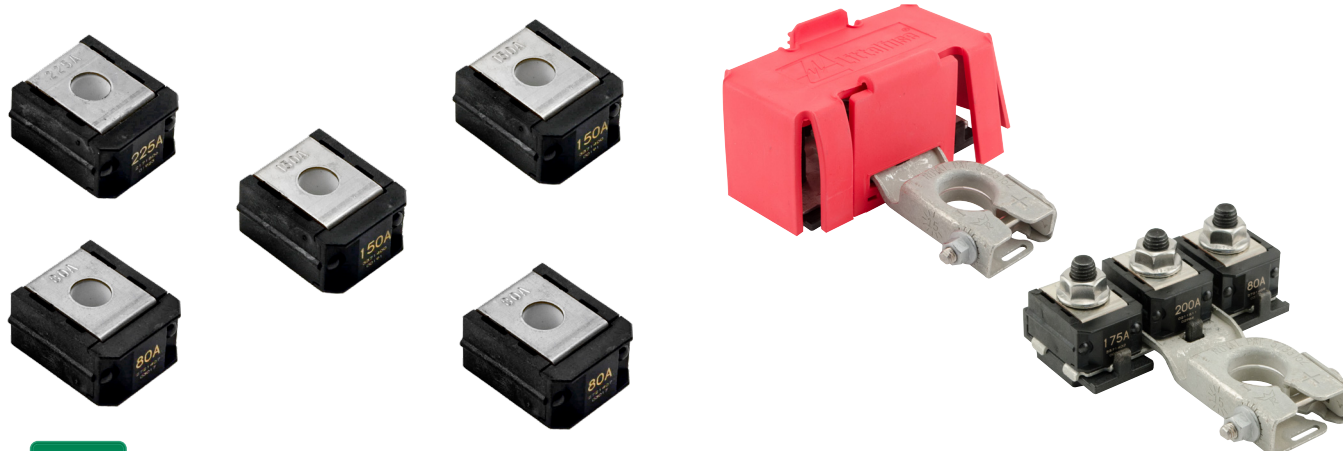
The ZCASE is a bolt down fuse with a wide rating range up to 600A. The Time Current characteristic is similar to the well known MEGA® design and can be used as full wire protection until 250A. Higher ratings typically used for starter fuse.

Learn more at: [littelfuse.com/ZCASE](http://littelfuse.com/ZCASE)

#### BMZ Series Battery Post Mount ZCASE® Fuse Holder

The BMZ fuse holder allows you to mount fusing directly to a post style battery without any special hardware. The isolated bolts eliminate the traditional need for nylon nuts and fuses can be assembled using standard M8 threaded hardware.

Learn more at: [littelfuse.com/BMZ](http://littelfuse.com/BMZ)



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