

# FHZ SERIES 5 STUD & 7 STUD ZCASE® FUSE HOLDERS

400A • 32V DC • 5 Stud & 7 Stud • ZCASE®

## Description

The 5 Stud and 7 Stud ZCASE Fuse Holders are configurable products designed for primary high current power distribution. They use a power input terminal, which is usually paired with a ZCASE shunt for the input. With common bussed power, configurable studs (choose M6, M8, or M10) and appropriate ZCASE fuses, a wide variety of configurations are possible. The dust covers keep dust out of the backside of the fuse box and the cover protects the fuses from debris.

## Features and Benefits

- High Current Distribution with Flexible bussing and configurable stud sizes to improve assembly Poka Yoke
- Midi range ZCASE fuses (40A-200A) and Mega range ZCASE Fuses (80A-600A) can be used in any location, so no dedicated locations improving flexibility
- Corrosion resistant coatings
- Stainless steel nuts can be applied with high speed nut runners

## Applications

- Construction Equipment
- Agricultural Equipment
- Body Builders
- HD/MD Truck



# FHZ SERIES 5 STUD ZCASE® FUSE HOLDER



## Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Amperage:</b>              | 400A Continuous                      |
| <b>Available Fuse Rating:</b> | 40- 600A                             |
| <b>Accessories:</b>           | Studs, Bus Bar, Tether, Dust Cover   |
| <b>Box Dimensions:</b>        | 217mm x 86mm x 59mm                  |
| <b>Contact Temp:</b>          | -40° to 105° C                       |
| <b>Connections:</b>           | M6, M8, and M10 Bolt Down Connection |
| <b>Color:</b>                 | Black                                |

## Ordering Information

| PART NUMBERS | DESCRIPTION                            |
|--------------|--|
| 0FHZ0001Z    | 5 Stud Assembly with Bolts and Bus Bar |
| 0FHZ0002Z    | 5 Stud Full Assembly with M10 Input    |
| 0FHZ0003Z    | 5 Stud Box Only for Configuration      |
| 0FHZ0005Z    | 5 Stud Full Assembly with M8 Input     |

## Replacement Parts Ordering Information

| PART NUMBERS | DESCRIPTION           |
|--------------|-----------------------|
| 908-066      | M6 x 1.5 Thread Stud  |
| 908-067      | M8 x 1.25 Thread Stud |
| 908-068      | M10 x 1.0 Thread Stud |
| 882-869-2    | 2 Position Bus Bar    |
| 882-869-3    | 3 Position Bus Bar    |
| 882-869-4    | 4 Position Bus Bar    |
| 882-869-5    | 5 Position Bus Bar    |

## Web Resources

Download the 2D print, 3D model and more at:  
[littelfuse.com/5studzcase](http://littelfuse.com/5studzcase)

# FHZ SERIES 7 STUD ZCASE® FUSE HOLDER



## Specifications

|                               |  |
|-------------------------------|--|
| <b>Amperage:</b>              | 400A Continuous  |
| <b>Available Fuse Rating:</b> | 40- 600A   |
| <b>Accessories:</b>           | Studs, Bus Bar, Tether, Dust Cover   |
| <b>Box Dimensions:</b>        | 281mm x 86mm x 59mm  |
| <b>Contact Temp:</b>          | -40° to 105° C   |
| <b>Connections:</b>           | M6, M8, and M10 Bolt Down Connection   |
| <b>Color:</b>                 | Black  |
| <b>Material:</b>              | <b>Base Cover:</b> Black FR530<br><b>Dust Cover:</b> Green Silicon Rubber<br><b>Tether:</b> Black Silicon Rubber<br><b>Bottom Cap:</b> Blue PA66 |
| <b>Max Main Input:</b>        | 400A   |
| <b>M8 Mounting Torque:</b>    | 12-15 Nm   |
| <b>Max Wire Size:</b>         | 105 sqmm OR AWG 4/0  |

## Ordering Information

| PART NUMBERS | DESCRIPTION                                      |
|--------------|--|
| 0FHZ0006Z    | 7 Stud Assembly with Bolts and Bus Bar           |
| 0FHZ0007Z    | 7 Stud Full Assembly With M8 Input Without Fuses |
| 0FHZ0008Z    | 7 Stud Box Only for Configuration                |
| 0FHZ0009Z    | 7 Stud Full Assembly with M8 Input               |

## Replacement Parts Ordering Information

| PART NUMBERS | DESCRIPTION           |
|--------------|-----------------------|
| 908-066      | M6 x 1.5 Thread Stud  |
| 908-067      | M8 x 1.25 Thread Stud |
| 908-068      | M10 x 1.0 Thread Stud |
| 882-869-2    | 2 Position Bus Bar    |
| 882-869-3    | 3 Position Bus Bar    |
| 882-869-4    | 4 Position Bus Bar    |
| 882-869-5    | 5 Position Bus Bar    |
| 882-869-6    | 6 Position Bus Bar    |
| 882-869-7    | 7 Position Bus Bar    |

## Web Resources

Download the 2D print, 3D model and more at:  
[littelfuse.com/7studzcase](http://littelfuse.com/7studzcase)

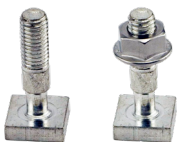
## Related Products



### 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 short circuit protector.

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



### M10-M6 Thread Studs

M10, M8 and M6 Studs are available to match with similar sized ZCASE fuses (M10, 80-600A, M8, 40-600S, and M6, 40-250A). The different sizes support error proofing for assembly. All studs are electrically isolated when dropped into the holder. The studs are robust coated Steel so they can be used with stainless steel hardware even when high speed assembly equipment is used.

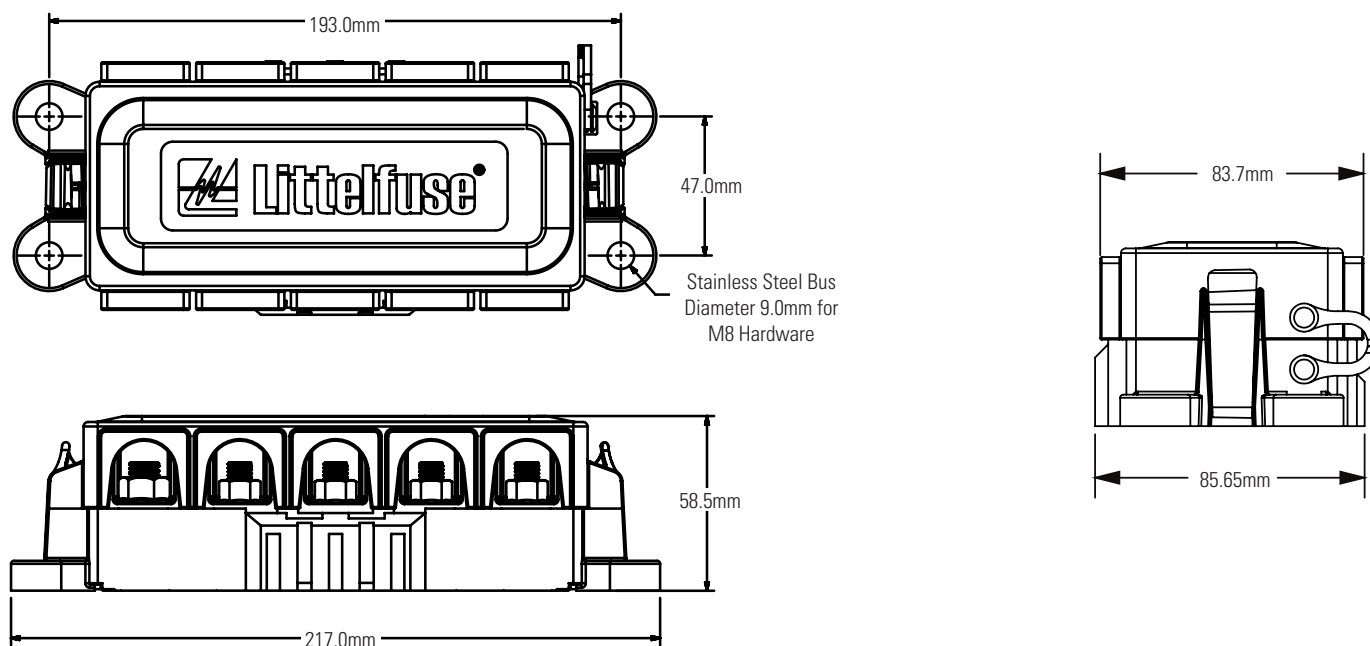


### 2-7 Way Bus Bars

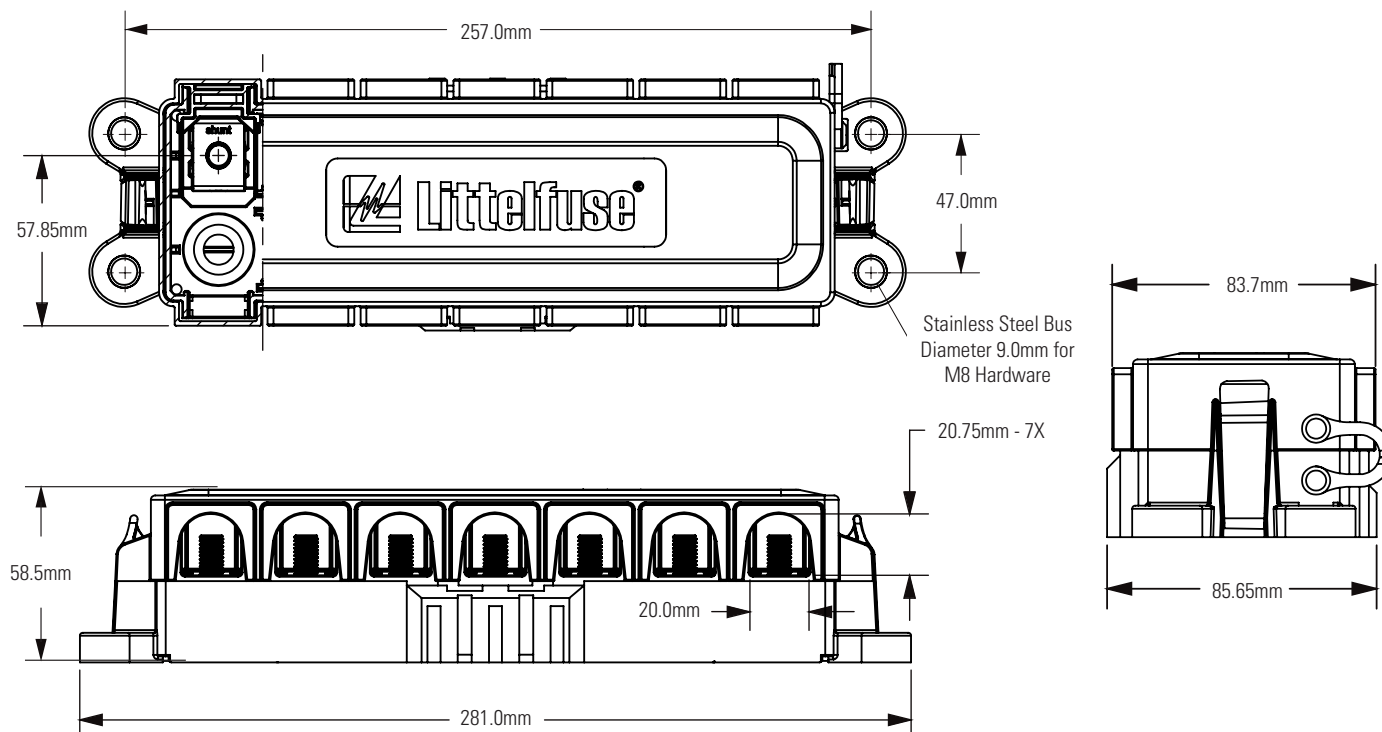
Bus Bars are available in a number of sizes so that the ZCASE Fuse Box can be customized. The Bus Bars allow the box to handle multiple circuits so that one high current box can handle multiple power sources. This includes multi-voltage applications or switches and unswitched power circuits, Bus Bars are solid copper with tin plating for corrosion resistance and good power transfer.

# FHZ SERIES 5 STUD & 7 STUD ZCASE® FUSE HOLDERS

## 5 Stud ZCASE Fuse Holder Dimensions in Millimeters



## 7 Stud ZCASE Fuse Holder Dimensions in Millimeters



Visit [Littelfuse.com](http://Littelfuse.com) for the most up-to-date product information. Littelfuse reserves the right to make product changes, without notice. Material in this document is as accurate as known at the time of publication.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

[882-869-2](#) [882-869-4](#) [882-869-3](#) [882-869-5](#) [882-869-7](#)