

ZCASE® SMZ SERIES STUD-MOUNT FUSE HOLDER



Description

The Littelfuse 80V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder reduces the need for wiring and parts by allowing ZCASE® single high-current fuses to be directly installed on an alternator, battery switch, or electrical relay. Thanks to an insulated M8 stud on the busbar, the compatible fuse (sold separately) and output cable with a ring terminal (not included) can be assembled using the included standard M8 nut. There's no need to buy a specialized nylon nut.

The SMZ Series fuse holder is available with an M6, M8, or M10 mounting hole to meet the requirements of various applications. Various configurations, including a protective cover for the fuse only, with a protective cover for the fuse and mounting stud, and without a cover, are available.

Applications

- Alternator, Battery Switch, or Electrical Relay Fusing

Web Resources

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

Ordering Information

| PART NUMBER | DESCRIPTION | CURRENT RATING MAX | FUSE TYPE | MOUNTING METHOD | MAX VOLTAGE RATING |
|-------------|---|--------------------|-----------|-----------------|--------------------|
| OFHZ0201Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M8 Mounting Hole and Fuse & Stud Cover | 400A | ZCASE | M8 Stud Mount | 32V |
| OFHZ0202Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M8 Mounting Hole and Fuse Cover | 400A | ZCASE | M8 Stud Mount | 32V |
| OFHZ0211Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M10 Mounting Hole and Fuse & Stud Cover | 400A | ZCASE | M10 Stud Mount | 32V |
| OFHZ0212Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M10 Mounting Hole and Fuse Cover | 400A | ZCASE | M10 Stud Mount | 32V |
| OFHZ0231Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M6 Mounting Hole and Fuse & Stud Cover | 400A | ZCASE | M6 Stud Mount | 32V |
| OFHZ0232Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M6 Mounting Hole and Fuse Cover | 400A | ZCASE | M6 Stud Mount | 32V |
| OFHZ0233Z | 32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M6 Mounting Hole | 400A | ZCASE | M6 Stud Mount | 32V |
| 901-524 | ZCASE® SMZ Series Fuse Holder Cover for Fuse Only | - | - | - | - |
| 901-525 | ZCASE® SMZ Series Fuse Holder Cover for Fuse & Stud | - | - | - | - |
| OFHZ0241Z | SMZ M10 Fuse Holder | 400A | ZCASE | M10 Stud Mount | 80V |
| 901-541 | SMZ M10 Fuse Cover | - | - | - | - |

Specifications

| | |
|-------------------------------------|---|
| Agency Approval - Shock: | ISO16750-3 Section 4.2.2.2 |
| Agency Approval - Vibration: | ISO16750-3 4.1.2.7 |
| Current Rating Continuous: | 400A |
| Current Rating Max: | 400A |
| Current Rating Max Terminal: | 400A |
| Fuse Type: | ZCASE |
| Humidity: | SAE J1455 2006 10% ~ 98% RH |
| Input Terminals: | M6, M8, M10 Stud Mount Hole |
| Mounting Method: | M6, M8, M10 Stud Mount |
| Output Terminals: | M8 Stud |
| Recommended Torque: | M8 Nut: 14±2 Nm |
| 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: -67 °F ~ 257 °F |
| Max Voltage Rating: | 32V, 80V |
| Application Notes | Fuse must not exceed 70% of rated current UL rating belongs to the red cover and not to the entire assembly. |

Features And Benefits

- Accepts Littelfuse high-current ZCASE® single bolt-down M8-size fuses (sold separately)
- Available mounting hole sizes include M6, M8, and M10
- Up to 3 SMZ Series fuse holders can be stacked to protect multiple circuits
- Space-saving design eliminates the need to wire in a separate fuse holder or power distribution module (PDM)
- Tin-plated copper busbar offers corrosion resistance
- Red UL 94 V-0 rated cover is offered in 2 styles to provide protection from accidental contact - one option covers the fuse only, while the other option covers the fuse and the mounting stud
- Total continuous current should not exceed 400A per holder