ZCASE® SMZ SERIES STUD-MOUNT FUSE HOLDER



Description

The Littelfuse 32V 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 insulted 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 with 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

Specifications

Agency Approval - Shock: ISO16750-3 Section 4.2.2.2

Agency Approval - Vibration: ISO16750-3 4.1.2.7

Current Rating Continuous:300 AmpsCurrent Rating Max:400 AmpsCurrent Rating Max Terminal:400 AmpsFuse 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: $-40 \, ^{\circ}\text{C} \sim +105 \, ^{\circ}\text{C}$

Storage temperature: -55 °C ~ 125 °C

Operation temperature: -40 °F ~ +221 °F

Storage temperature: -67 °F ~ 257 °F

Max Voltage Rating: 32

Temperature in Fahrenheit:

Application Notes Fuse must not exceed 75% 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 400 amps per holder

PART NUMBER	DESCRIPTION	CURRENT RATING MAX	FUSE TYPE	MOUNTING METHOD	MAX VOLTAGE RATING
0FHZ0201Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M8 Mounting Hole and Fuse & Stud Cover	400 Amps	ZCASE	M8 Stud Mount	32V
0FHZ0202Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M8 Mounting Hole and Fuse Cover	400 Amps	ZCASE	M8 Stud Mount	32V
0FHZ0211Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M10 Mounting Hole and Fuse & Stud Cover	400 Amps	ZCASE	M10 Stud Mount	32V
0FHZ0212Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M10 Mounting Hole and Fuse Cover	400 Amps	ZCASE	M10 Stud Mount	32V
0FHZ0231Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M6 Mounting Hole and Fuse & Stud Cover	400 Amps	ZCASE	M6 Stud Mount	32V
0FHZ0232Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M6 Mounting Hole and Fuse Cover	400 Amps	ZCASE	M6 Stud Mount	32V
0FHZ0233Z	32V Bolt-Down ZCASE® SMZ Series Stud-Mount Fuse Holder with M6 Mounting Hole	400 Amps	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	-	-	-	-

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Fuse Holder category:

Click to view products by Littelfuse manufacturer:

Other Similar products are found below:

570-290-741P40 570-290-751P40 020417G 020418E 6R30A1B F600A3B 80910030 8601.2020 G15A2SPQ 9-3557-GP REV A HDJ-B R6J30A3S HFH-1 RF30A2B RF30A3SP 15600-08-10 BK/FHN19G BK/HHM BK/HKP-CCHH BK/HKP-JJ BK/HTJ-LES-FUSE HMG-241 HTJ-LES-FUSE C4044-1 2086-1 2193 2602 2650 178.000100 FHN31G1 T30A2B G4PB8 2660 2799 CQ-209V HKP-CCHH R6F30A2S 341001A 345621A CVRMCC 4202 4407 4408 4413 4423 4532 4537 TSD1404-12 BK/FHN31G1 BK/HC-5