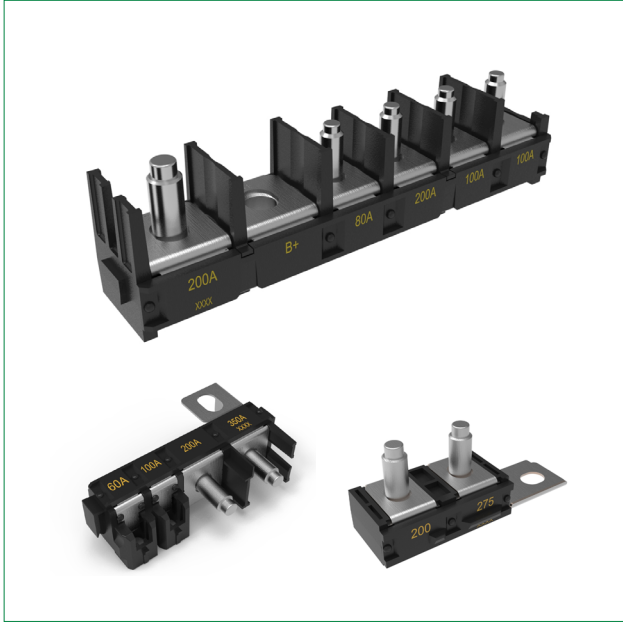


ZCASE MASTERFUSE

Bolt-down Fuses – Rated 32 V DC



Description

The ZCASE Masterfuse product is the smallest high current distribution product in the industry. It utilizes the Z-Axis effectively to create a compact design which takes one third the footprint of a traditional solution. This package allows the user to replace multiple discrete fuses in a power distribution box with a single component, thus eliminating additional bolts, bus bars and interconnects. The output bolt is integrated into the fuse creating a reliable interface to the mating terminal due to its high torque withstandability. Keying features are available on each bolt position to ensure the correct mating ring terminal is used during assembly.

The solution allows also connectors to mate to high current terminals. This compact design enables the integration of the high current distribution into the main junction box due to its small footprint. This eliminates the need for a separate fuse box for high current distribution. By reducing the number of components required, overall system costs are reduced.

The ZCASE Masterfuse product is available as a standard design with customized fuse ratings. The modular manufacturing approach enables a wide range of configurations within a product family. In addition, the form factor can be fully customized for specific applications to further optimize the system.

Contact Littelfuse to review your application needs.

Additional Information



Resources



Samples

Features & Benefits

- Compact design enables a 2/3 footprint reduction when compared to a traditional solution
- Each single fuse rating is clearly marked on its housing
- Very robust desing
- It enables the integration of the prefuse function into the main junction box due to its small footprint
- Comply with ISO 8820-5

Applications

- Cars / SUVs
- Trucks
- Offroad vehicles
- Buses
- Watercraft as approved by Littelfuse®

See Disclaimer Notice

Specifications

Voltage Rating:	32 V DC
Fuse ratings available:	30 A to 500 A
Recommended Environmental Temperature:	–40 °C to +125 °C
Terminals Material:	Tin- or Silver- plated copper alloy
Housing Material:	PPA-GF33HS (U.L. 94 Flammability rating - HB)
Mating terminals:	M5-M6-M8-M10 bolt-down terminals or female terminals
Comply With:	ISO 8820-5

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Ordering Information

Part Number	Description	Package Size
05980015Z-CN	MFUSE ZCASE 32V 2-Way 125A - 200A	200
05980016Z-CN	MFUSE ZCASE 32V 2-Way 125A - 125A	200
05980017Z-CN	MFUSE ZCASE 32V 2-Way 275A - 200A	200
05980019Z	MFUSE ZCASE 32V 1-MEGA + 4-MIDI	100
05980020Z	MFUSE ZCASE 32V 2-MEGA + 2-MIDI	50

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