

SEALED ZCASE® FUSE HOLDER

32V 400A Bolt-Down IP69K Fuse Holder



Description

The Sealed ZCASE® Fuse Holder Series is a versatile and rugged electrical distribution solution designed to provide medium-amp and high-amp circuit protection and terminal connections for up to 6 ZCASE® fuses. This series is characterized by its sealed design, ensuring protection against environmental conditions, and its ease of installation with secure latching mechanisms. It offers reliable performance in demanding applications within chassis or engine compartment environments.

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/Sealed-ZCASE-FH

Features and Benefits

- **Sealed Design:** The Sealed ZCASE® Fuse Holder features a robust sealing system with cover seals, individual cable seals, and blind caps on I/O cables, achieving IP67 and IP69K ratings. This ensures protection against water, dust, and environmental factors, making it suitable for challenging conditions.
- **Easy Installation:** The device can be easily mounted using the included mounting hardware on customer mounting brackets, streamlining the installation process.
- **AssureLatch™ Latching Mechanism:** The finger release AssureLatch™ ensures secure closure of the cover with minimal effort, providing additional safety and convenience.
- **Wide Compatibility:** The Sealed ZCASE® Fuse Holder accommodates various cable sizes, from 10 mm² to 120 mm², and features slim cable terminals with a maximum outline of 20 mm.
- **High Current Handling:** With a maximum current rating of 400A and a voltage range of 32V, this series is capable of handling demanding electrical loads.
- **Durable Materials:** Components like the housing, cover, bus bar, and nuts are made from durable materials such as PA66 GF 15, copper, steel, and stainless steel, ensuring long-lasting performance.
- **Compliance:** The series meets various environmental and safety standards, including ISO 16750, ISO 20653, and UL 94 V-0 flammability standards.

Applications

- Automotive and road vehicle electrical systems
- Industrial machinery and equipment
- Marine and off-road vehicles
- Agricultural machinery
- Heavy-duty equipment

Order Information

PART NUMBER	DESCRIPTION
FHZS200	Sealed 6-Way ZCASE® Fuse Holder

Accessories

PART NUMBER	DESCRIPTION	MINIMUM CABLE DIAMETER	MAXIMUM CABLE DIAMETER
901-738-1	Cable Seal 10	Ø 5.3	Ø 6.0
901-738-2	Cable Seal 16	Ø 6.4	Ø 7.2
901-738-3	Cable Seal 25	Ø 7.9	Ø 8.7
901-738-4	Cable Seal 35	Ø 9.6	Ø 11.6
901-738-5	Cable Seal 50	Ø 11.5	Ø 13.5
901-738-6	Cable Seal 70	Ø 13.5	Ø 15.5
901-738-7	Cable Seal 95	Ø 16.0	Ø 18.0
901-738-8	Cable Seal 120	Ø 17.7	Ø 19.7
883-120	Blind Cap	—	—

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Specifications Overview

Electrical Power Specifications:

- **Operating Temperature:** -40 °C to 100 °C
- **Maximum Current:** 400A
- **Voltage Range:** 32VDC
- **Ingress Protection:** IP67 and IP69K

Mechanical Requirements & Interfaces:

- **Cable Terminal Nut Torque:** 14±2Nm
- **Overall Product Size:** 244x166x66 mm
- **Mounting Hole Pattern:** 219.2x67 mm
- **Mounting Hardware:** M8
- **Mounting Bolt Torque:** 10±2Nm
- **Terminal Hardware:** M8 steel bolts and stainless steel self-locking nuts