

[Manuals.plus](#) /

› [AZVBOEVE](#) /

› User Manual: AZVBOEVE RS308-HB High Voltage Cartridge Fuse

AZVBOEVE RS308-HB 10A

User Manual: AZVBOEVE RS308-HB High Voltage Cartridge Fuse

Model: RS308-HB 10A | Brand: AZVBOEVE

INTRODUCTION

This manual provides essential information for the safe and effective use of the AZVBOEVE RS308-HB High Voltage Cartridge Fuse. This product is designed to protect electrical circuits, particularly in motor control applications, by interrupting the current flow when an overload or short circuit occurs. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

SAFETY INFORMATION

WARNING: This product operates with high voltage. Improper installation or handling can result in serious injury or death. Always adhere to the following safety precautions:

- Installation and maintenance should only be performed by qualified electricians or trained personnel.
- Always disconnect power to the circuit before installing, inspecting, or replacing the fuse. Verify that the power is off using appropriate testing equipment.
- Wear appropriate Personal Protective Equipment (PPE), including insulated gloves and safety glasses, when working with electrical systems.
- Ensure the fuse rating (voltage and amperage) matches the requirements of the circuit it is protecting. Using an incorrect fuse can lead to equipment damage or fire.
- Do not bypass or tamper with the fuse.

PRODUCT OVERVIEW

The RS308-HB is a robust high-voltage cartridge fuse designed for reliable circuit protection. It features a cylindrical body with metal end caps for secure connection within a fuse holder. This fuse is specifically engineered for applications requiring protection against overcurrents in high-voltage systems, such as motor control circuits.



Image 1: AZVBOEVE RS308-HB High Voltage Cartridge Fuse. This image shows the cylindrical body of the fuse with its metal end caps, designed for insertion into a compatible fuse holder. The fuse is labeled with its model number "RS308-HB" and voltage rating "750V".

SPECIFICATIONS

Feature	Detail
Product Type	Cartridge Fuse
Model	RS308-HB (various amperage ratings)
Voltage Rating	750V
Current Rating (This Model)	10A
Applications	Motor control and protection
Product Certification	CE
3C Certificate Number	2020980307001645
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	4.41 pounds
Manufacturer	AZVBOEVE

Feature	Detail
Country of Origin	China

INSTALLATION (SETUP)

Proper installation is critical for the safe and effective operation of the fuse. Follow these general guidelines:

- Power Disconnection:** Ensure all power to the circuit is completely disconnected and locked out before beginning installation.
- Fuse Holder:** Install the fuse into a compatible fuse holder designed for cartridge fuses of this size and voltage rating.
- Rating Verification:** Double-check that the amperage and voltage ratings of the new fuse match the requirements of the circuit and the original fuse being replaced.
- Secure Connection:** Insert the fuse firmly into the fuse holder, ensuring good electrical contact at both ends. Loose connections can cause overheating.
- Re-energize:** Once the fuse is securely installed and all safety checks are complete, the power can be re-energized.

OPERATION

The RS308-HB fuse is a passive protective device. It does not require active operation. Its function is to automatically interrupt the electrical circuit when the current flowing through it exceeds its rated amperage for a specified duration. This action protects downstream equipment from damage due to overcurrents or short circuits. Once the fuse blows, it must be replaced.

MAINTENANCE

Fuses generally require minimal maintenance. However, periodic inspection is recommended:

- Visual Inspection:** Periodically inspect the fuse and its holder for any signs of physical damage, discoloration, or overheating.
- Cleanliness:** Ensure the fuse and its contacts are clean and free from dust or debris.
- Replacement:** If the fuse has blown (indicated by a lack of power in the circuit it protects), it must be replaced with a new fuse of the exact same type, voltage, and amperage rating. Never attempt to repair a blown fuse.

TROUBLESHOOTING

If the circuit protected by the RS308-HB fuse loses power, the fuse may have blown. Follow these steps:

- Disconnect Power:** Immediately disconnect all power to the affected circuit.
- Identify Cause:** Investigate the cause of the overcurrent or short circuit that led to the fuse blowing. Common causes include overloaded circuits, faulty appliances, or wiring issues. Resolve the underlying problem before replacing the fuse.
- Replace Fuse:** Once the cause is identified and rectified, replace the blown fuse with a new one of the identical type and rating (e.g., RS308-HB 10A, 750V).
- Restore Power:** Carefully restore power to the circuit and monitor for proper operation. If the new fuse blows immediately, there is still an unresolved issue in the circuit.

If you are unable to identify or resolve the issue, consult a qualified electrician.

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your AZVBOEVE RS308-HB fuse, please contact the

manufacturer directly. Refer to the product packaging or the point of purchase for contact details. When contacting support, please have your product model number (RS308-HB) and any relevant purchase information available.