Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Cryfokt Cryfoktave9iwd6m4

High Capacity Fuse Relay Box Instruction Manual

Brand: Cryfokt | Model: Cryfoktave9iwd6m4

Product Overview

This high-capacity fuse relay box is designed to provide a complete circuit solution for various electrical systems, primarily in automotive, bus, tanker, boat, yacht, and ship applications. It features two slots for 5-pin relays and an eight-slot ATC/ATO fuse holder, offering ample space for your electrical needs. Constructed from premium, high-temperature resistant materials, this unit is robust and will not deform under extreme heat, ensuring reliable performance.



Figure 1: A detailed view of the fuse relay box, showcasing its compact design and the arrangement of relay and fuse compartments.

Setup and Installation

The fuse relay box is engineered for easy and secure installation. Its unique single-rail design allows it to be mounted conveniently in various locations within your vehicle or vessel. This design also facilitates quick maintenance and replacement of relays and fuses.

Installation Steps:

1. **Identify a suitable mounting location:** Choose a dry, secure area away from excessive vibration and direct heat sources, ensuring adequate space for wiring and future access.
2. **Secure the relay box:** Utilize the integrated mounting points or the unique rail system to firmly attach the box to the chosen surface.
3. **Wire the circuits:** Connect your electrical circuits to the appropriate fuse and relay terminals. Ensure all connections are secure and properly insulated. Refer to your vehicle's or system's wiring diagram for correct circuit integration.

4. **Insert relays and fuses:** Once wiring is complete, insert the provided 5-pin relays into their designated slots and the ATC/ATO blade fuses into their respective holders.





Figure 2: The fuse relay box shown in an automotive environment (RV and car engine bay), highlighting its suitability for various vehicle types due to its unique track installation design.

Operating Principles

The fuse relay box functions as a central distribution point for electrical power, protecting circuits from overcurrents and enabling the control of high-current devices using low-current signals. Fuses provide overcurrent protection by melting and breaking the circuit if the current exceeds a safe level. Relays act as electrically operated switches, allowing a small current to control a much larger current, which is essential for components like headlights, fuel pumps, or cooling fans.

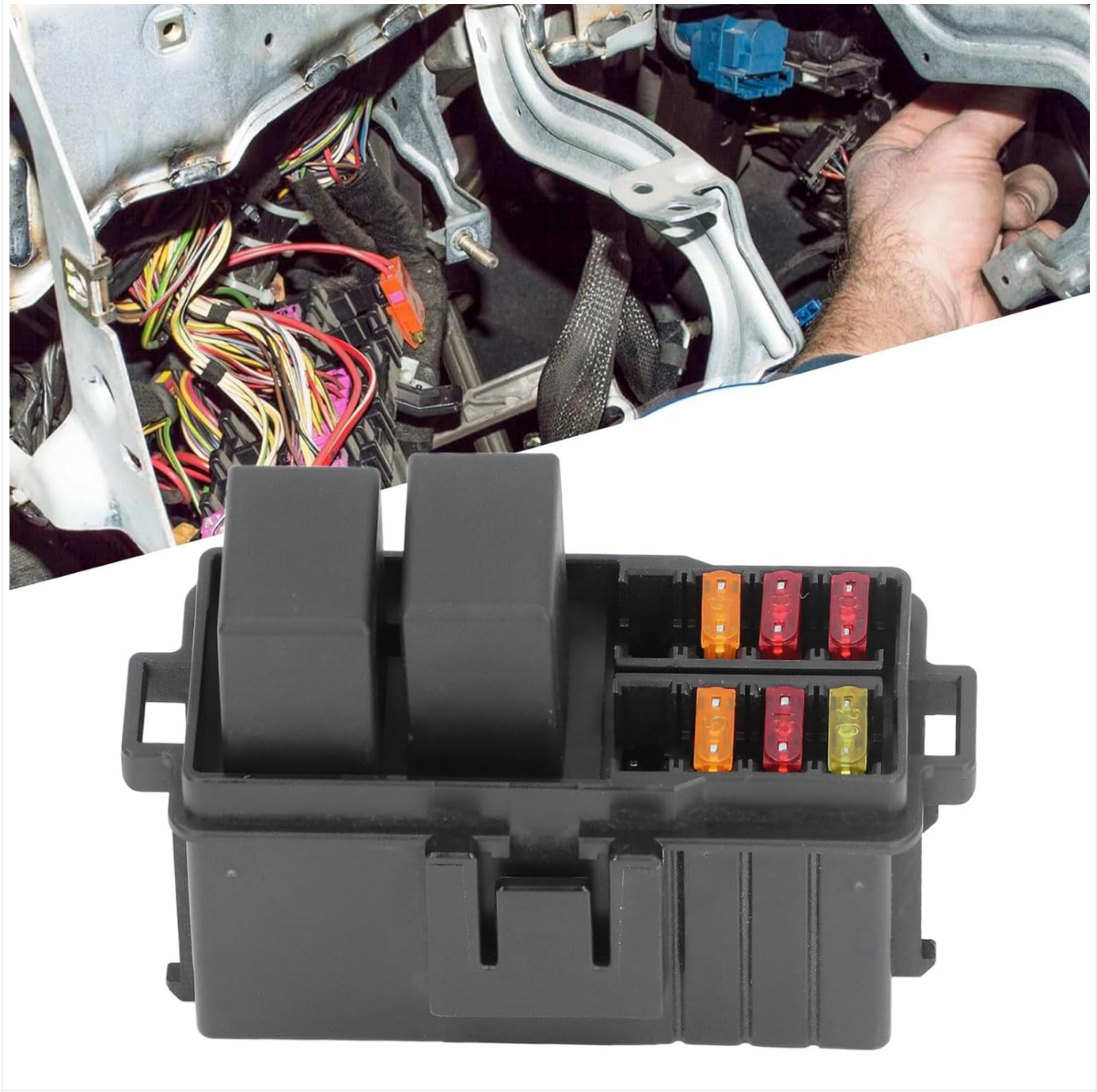


Figure 3: A view of the fuse relay box connected to various electrical wires, illustrating how it manages and distributes power within a circuit.

Maintenance

Regular inspection and timely replacement of components are crucial for the longevity and reliable operation of your electrical system. The design of this fuse relay box allows for quick and easy access to both fuses and relays for maintenance.

Fuse Replacement:

- **Identify a blown fuse:** A blown fuse typically has a broken filament visible through its clear casing.
- **Disconnect power:** Always disconnect the power source to the circuit before attempting to replace a fuse.
- **Remove the old fuse:** Gently pull the blown fuse straight out of its slot.
- **Insert a new fuse:** Replace it with a new fuse of the**exact same amperage rating**. Using a fuse with a higher rating can lead to circuit damage or fire.

Relay Replacement:

- **Disconnect power:** Ensure the power to the relay circuit is off.
- **Remove the old relay:** Pull the faulty relay straight out of its socket.
- **Insert a new relay:** Push the new 5-pin relay firmly into the socket, ensuring all pins align correctly.



Figure 4: An exploded view of the fuse relay box components, showing the two 5-pin relays, various ATC/ATO fuses, and the included terminals, facilitating easy identification for replacement.

TROUBLESHOOTING

If a circuit connected to the fuse relay box is not functioning, follow these basic troubleshooting steps:

- **Check the fuse:** Inspect the fuse associated with the non-functioning circuit. If the filament is broken, replace it with a new fuse of the correct amperage.
- **Test the relay:** If the fuse is intact, the relay might be faulty. You can test a relay using a multimeter or by temporarily

swapping it with a known good relay from a non-critical circuit (of the same type).

- **Inspect wiring:** Check all wiring connections to and from the fuse relay box for looseness, corrosion, or damage. Ensure all terminals are securely crimped.
- **Verify power supply:** Confirm that the fuse relay box is receiving adequate power from the vehicle's or system's power source.

If issues persist after these steps, it is recommended to consult a qualified automotive electrician or technician.

Specifications

Feature	Detail
Product Type	Fuse Relay Box
Material	ABS (High-temperature resistant)
Relay Specifications	12V DC, 30A, 5-pin (x2 included)
Fuse Type	ATC/ATO Blade Fuses (8 slots)
Included Fuses	5A x 2, 10A x 3, 20A x 1
Dimensions (Approx.)	72mm (L) x 36mm (W) x 40mm (H) / 2.83in x 1.42in x 1.57in
Package Weight	Approx. 103 grams
Model Number	Cryfoktave9iwd6m4
Country of Origin	China



Figure 5: A technical diagram indicating the precise measurements of the fuse relay box, including its length, width, and height, for installation planning.

Package Contents

The complete package includes the following items:

- 1 x Fuse Relay Box
- 2 x 12V DC 30A 5-pin Relays
- 6 x ATC/ATO Blade Fuses (2x 5A, 3x 10A, 1x 20A)
- 13 x Fuse Terminals (quantity may vary slightly)



Figure 6: A comprehensive display of all items included in the package: the fuse relay box, two 12V 30A 5-pin relays, six assorted ATC/ATO fuses, and a set of terminals.

Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the purchase documentation or contact the seller directly. Ensure you have your product model number (Cryfoktave9iwd6m4) and purchase details available when seeking assistance.

© 2024 Cryfokt. All rights reserved.
This manual is for informational purposes only. Specifications are subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CRBBKWTZ

More documents and user manuals: **https://manuals.plus/**