

BUNKER INDUST 4WAY-FUSEB-Y-FRD

BUNKER INDUST 10-Way Blade Fuse Box Instruction Manual

Model: 4WAY-FUSEB-Y-FRD

Brand: BUNKER INDUST

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BUNKER INDUST 10-Way Blade Fuse Box. Designed for automotive, marine, and other 10-33 Volt DC power source applications, this fuse box offers reliable circuit protection with convenient features.

Key Features:

- **LED Indicator for Blown Fuse:** Each circuit features a red LED warning light that illuminates when a fuse blows, enabling quick identification and replacement of faulty fuses.
- **High Capacity:** Supports a maximum of 30 Amps per circuit and 100 Amps per panel, compatible with 10-33 Volt DC power sources.
- **Protective Cover:** Includes a clear, clip-on plastic cover for splash and dust protection, ensuring durability and ease of operation.
- **Heavy-Duty Construction:** Equipped with a #10-33 stud for power feed and .250 inch male quick disconnect terminals for robust connections.
- **Comprehensive Package:** Comes with the 10-way fuse box holder, a DIY sticker sheet for labeling, and 20 blade fuses (5A x 2, 10A x 4, 15A x 4, 20A x 6, 30A x 2, 40A x 2).



Image: The BUNKER INDUST 10-Way Blade Fuse Box, showcasing its compact design, the 10 fuse slots with various colored blade fuses inserted, and the included DIY sticker sheet and additional fuses.

INSTALLATION AND SETUP

Proper installation is crucial for the safe and effective operation of your fuse box. Follow these steps carefully.

Mounting:

1. **Select Location:** Choose a dry, secure location away from direct heat, moisture, and excessive vibration. Ensure sufficient space for wiring and access to the fuse box.
2. **Mark Mounting Holes:** Use the fuse box as a template to mark the positions for the mounting holes. Refer to the "Product Dimension" image for precise measurements.
3. **Drill Holes:** Drill appropriate pilot holes for your mounting screws.
4. **Secure Fuse Box:** Fasten the fuse box securely using suitable screws (not included) through the designated

mounting holes.

PRODUCT DIMENSION



Mounting Holes	Terminal Dim.	Blade Fuse Dim.

Image: Detailed product dimensions, including overall size and specific measurements for mounting holes and terminal dimensions, crucial for installation planning.

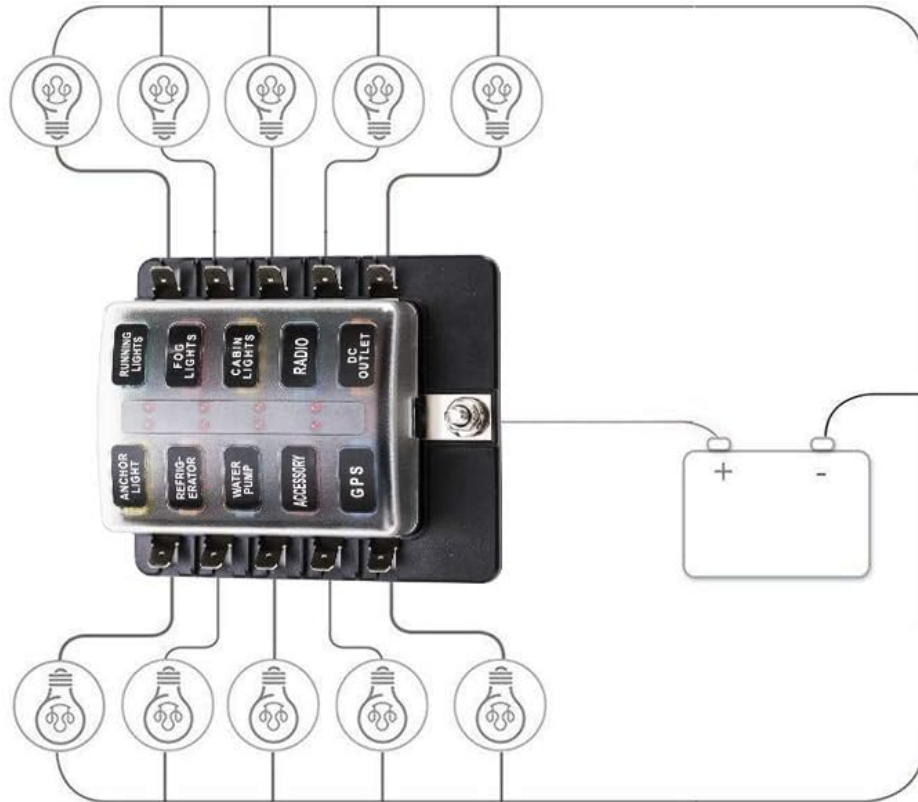
Wiring Guide:

The fuse box is designed for a single power input and 10 circuit outputs. Always disconnect the power source before wiring.

- Power Input:** Connect the positive (+) power source (e.g., battery positive terminal) to the #10-33 stud on the fuse box. Ensure a secure connection.
- Circuit Outputs:** Connect the positive (+) wire from each accessory or device to one of the .250 inch male quick disconnect terminals. Each terminal corresponds to a fuse slot.
- Grounding:** Ensure all devices connected to the fuse box have a proper ground connection to the vehicle or marine chassis. The fuse box itself does not provide ground connections for the individual circuits.
- Fuse Installation:** Insert the appropriate ATO/ATC blade fuse into each circuit slot according to the current requirements of the connected device. Refer to the included fuse assortment and DIY sticker for common amperage ratings.

5. **Labeling:** Use the provided DIY stickers to label each circuit for easy identification of connected devices.

1 power connection, 10 circuit out



Suggested Wire Size:

Input:#4-6 AWG

Output:#12-16 AWG

SIMPLE WIRING GUIDE

Image: A simplified wiring diagram illustrating how to connect the 10-way fuse box to a power source (battery) and distribute power to various electrical loads. Suggested wire sizes for input (#4-6 AWG) and output (#12-16 AWG) are also indicated.

Note: Always use fuses with the correct amperage rating for your devices to prevent damage or fire. Consult a professional if you are unsure about wiring procedures.

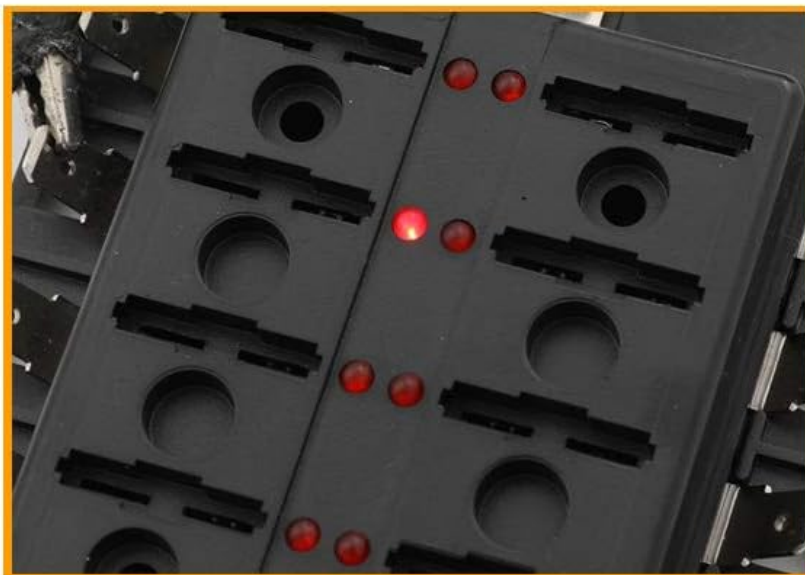
OPERATION

The BUNKER INDUST 10-Way Blade Fuse Box is designed for straightforward operation and quick fault identification.

LED Indicator for Blown Fuses:

Each fuse slot is equipped with a red LED indicator. If a fuse blows due to an overcurrent condition or short circuit, the corresponding red LED light next to that fuse will illuminate. This feature allows for immediate identification of the problematic circuit without the need for a multimeter or visual inspection of each fuse.

SAFE DESIGN



LED INDICATOR FOR BLOWN FUSE

Easily identify & replace
blown fuses immediately!



CLIP-LOCK PROTECTION COVER

Simply clip-on the durable
plastic cover to add extra
protection your fuses

Image: A detailed view highlighting the LED indicator feature. A red LED is shown illuminated, signaling a blown fuse in that specific circuit. The image also displays the clear protective cover that clips over the fuses.

Replacing a Blown Fuse:

1. **Identify Blown Fuse:** Locate the fuse slot with the illuminated red LED.
2. **Remove Protective Cover:** Gently unclip and remove the clear plastic protective cover.
3. **Remove Blown Fuse:** Carefully pull out the blown fuse from its slot. A fuse puller (not included) may be helpful.
4. **Install New Fuse:** Insert a new ATO/ATC blade fuse of the *exact same amperage rating* into the empty slot. Using a fuse with a higher rating can lead to electrical system damage or fire.
5. **Replace Protective Cover:** Securely clip the clear plastic cover back into place.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your fuse box.

- **Keep Clean:** Periodically wipe down the fuse box and its cover with a dry, clean cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Check Connections:** Annually, or if experiencing intermittent issues, inspect all wiring connections to ensure they are tight and free from corrosion. Pay particular attention to the main power input stud.
- **Inspect Fuses:** While the LED indicator helps, a visual inspection of fuses during routine checks can identify any signs of overheating or damage to the fuse itself or its terminals.
- **Cover Integrity:** Ensure the protective cover is securely clipped and free from cracks or damage to maintain its splash and dust-proof properties.

TROUBLESHOOTING

This section addresses common issues you might encounter with your fuse box.

Problem	Possible Cause	Solution
No power to a circuit, but LED is not lit.	Loose wire connection. Faulty device. Main power input issue.	Check all connections, especially the quick disconnect terminals and the main power stud. Test the device directly if possible. Verify power is reaching the main input stud of the fuse box.
Fuse blows repeatedly.	Overloaded circuit (device draws too much current). Short circuit in the wiring or device. Incorrect fuse amperage (too low).	Ensure the device's current draw does not exceed the fuse rating. Inspect wiring for pinched, frayed, or exposed wires that could be shorting. Verify the fuse amperage matches the device's requirements. Do NOT use a higher amperage fuse than recommended.
LED indicator is always on, even with a good fuse.	Internal fault in the fuse box. Minor current leakage.	Contact customer support if the issue persists after checking connections and fuses.
Fuse box feels hot.	Overloaded circuits. Loose main power connection. Poor quality wiring or terminals.	Reduce load on circuits or distribute loads across multiple circuits if possible. Check the tightness of the nut on the main power-in stud. Ensure all wiring is of appropriate gauge and connections are secure.

SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Brand	BUNKER INDUST
Model	4WAY-FUSEB-Y-FRD (10-Way Blade Fuse Box variant)
Voltage Compatibility	10 - 33 Volts DC
Max Current per Circuit	30 Amps
Max Current per Panel	100 Amps
Material	Copper, Plastic
Mounting Type	Holder
Input Power Connection	#10-33 Stud
Output Terminals	.250 inch Male Quick Disconnect
Fuse Type	Standard ATO/ATC Blade Fuses
Item Weight	5.6 ounces
Package Dimensions	5.9 x 4 x 1.7 inches

HEAVY-DUTY CONSTRUCTION



Max.30 AMP per Circuit
&100 AMP per Panel
Input Voltage 10V-32V DC



1/4"Male Quick
Disconnect Terminals



#10-32 Stud
for Power Feed



Image: Visual representation of the fuse box's robust construction, detailing the maximum amperage per circuit and panel, the 1/4" male quick disconnect terminals, and the #10-32 stud for the main power input.

WARRANTY AND SUPPORT

Return Policy:

This product is subject to a refund/replacement policy with a duration of 30 days from the date of purchase. Please refer to the retailer's specific return policy for detailed terms and conditions.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact BUNKER INDUST customer support through their official channels. You can visit the [BUNKER INDUST Store on Amazon](#) for more information and contact options.

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