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› Kircuit 4-Pin 24V AC/DC Adapter for QMATIC FRA120-S24-4 User Manual

Kircuit FRA120-S24-4

Kircuit 4-Pin 24V AC/DC Adapter User Manual

Model: FRA120-S24-4

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Kircuit 4-Pin 24V AC/DC Adapter. This adapter is designed to convert AC power from a wall outlet into the DC power required by compatible devices, specifically the QMATIC Model FRA120-S24-4 and similar models (FRA120S244, FRA120-S244, Art No 10100932). Please read this manual thoroughly before operating the device.



Image 1.1: Kircuit 4-Pin 24V AC/DC Adapter. This image displays the compact design of the adapter and its 4-pin connector, ready for connection to a compatible device.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following precautions:

- Use only with devices specified as compatible with a 24V DC, 4-pin power input.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to open or modify the adapter. This voids the warranty and poses a safety risk.
- Ensure the power outlet voltage matches the adapter's input voltage (100-240V AC).
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.
- If the adapter or cable is damaged, discontinue use immediately and seek a replacement.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Kircuit 4-Pin 24V AC/DC Adapter (Model: FRA120-S24-4)
- AC Power Cord (integrated or separate, depending on model variant)

4. SETUP INSTRUCTIONS

1. **Identify the Correct Port:** Locate the 4-pin power input port on your QMATIC device.
2. **Connect the Adapter:** Carefully align the 4-pin connector of the Kircuit adapter with the device's power input port. Gently push until it is firmly seated. Do not force the connection.
3. **Connect to Power Outlet:** Plug the AC power cord (if separate) into the adapter, then plug the other end of the AC power cord into a standard electrical wall outlet (100-240V AC).
4. **Verify Power:** Once connected, your device should receive power. Check for any power indicator lights on your device to confirm.

5. OPERATING INSTRUCTIONS

The Kircuit 4-Pin 24V AC/DC Adapter is designed for continuous operation. Once connected, it provides stable 24V DC power to your compatible device.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Avoid covering the adapter with cloths or other materials during operation.
- If the adapter feels excessively hot to the touch, disconnect it immediately and allow it to cool.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your adapter:

- **Cleaning:** Disconnect the adapter from both the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly winding the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of damage, such as cuts, fraying, or bent pins. If damage is found, replace the adapter.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly connected. Power outlet not active. Adapter or device malfunction.	Ensure all connections are secure. Test the power outlet with another device. Try a different compatible adapter if available. Contact support if issues persist.
Adapter feels hot.	Overload or poor ventilation.	Ensure the adapter is in a well-ventilated area. Disconnect and allow to cool. Verify device compatibility and power requirements.
Loose connection.	Improper insertion or worn connector.	Ensure the 4-pin connector is fully inserted. If the connection remains loose, the connector or port may be damaged.

8. SPECIFICATIONS

Brand	Kircuit
Model	FRA120-S24-4 (Compatible)
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	24V DC
Connector Type	4-Pin Barrel Plug

Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. WARRANTY AND SUPPORT

Kircuit products are designed for reliability. For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.

For further assistance, please visit the Kircuit official website or contact customer service through your point of purchase.

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