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› FAAC XBR2 BUS-RELAY Converter 2Ch 790064 Instruction Manual

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Model: 790064

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of the FAAC XBR2 BUS-RELAY Converter 2Ch, model 790064. Please read this manual carefully before using the device and keep it for future reference. The XBR2 is designed to convert BUS signals into relay outputs, providing two independent channels for various applications.



Image of the FAAC XBR2 BUS-RELAY Converter 2Ch 790064. This image shows the compact design of the converter with its terminal blocks for connections.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the device:

- Installation and maintenance must be performed by qualified personnel only.
- Disconnect power before performing any work on the device or connected systems.
- Ensure all wiring complies with local electrical codes and regulations.
- Do not expose the device to moisture, extreme temperatures, or corrosive environments.
- Use only original FAAC spare parts and accessories.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x FAAC XBR2 BUS-RELAY Converter 2Ch (Model 790064)
- 1 x Instruction Manual (this document)

4. SETUP

4.1. Physical Installation

The XBR2 converter is designed for indoor use and should be mounted in a protected enclosure or control panel. Choose a location that is dry, well-ventilated, and free from excessive vibrations or electromagnetic interference.

1. Mount the device securely using appropriate screws or DIN rail clips (if applicable).
2. Ensure sufficient space around the device for proper ventilation and access to terminals.

4.2. Wiring

The XBR2 features terminals for BUS input and two relay outputs. Refer to the wiring diagram provided with your specific system for detailed connections. General wiring guidelines are as follows:

- **BUS Connection:** Connect the BUS lines to the designated BUS terminals on the XBR2. Observe polarity if specified by your BUS system.
- **Relay Outputs (CH1, CH2):** Each channel provides a potential-free contact (NO/NC/COM). Connect the load to be controlled to the appropriate relay terminals. Ensure the load's voltage and current ratings do not exceed the relay's specifications.
- **Power Supply:** The XBR2 typically draws power directly from the BUS line. Verify your BUS system can supply adequate power.

4.3. Initial Configuration

After wiring, power up the BUS system. The XBR2 may require addressing or configuration via the main control unit of your FAAC system. Consult your main system's manual for specific programming procedures related to BUS devices and relay outputs.

5. OPERATING

The FAAC XBR2 operates as an interface, converting commands received via the BUS into physical relay activations. Operation is typically managed through the main control panel or remote devices connected to the BUS system.

- **Relay Activation:** When a command is sent over the BUS to activate a specific channel (CH1 or CH2), the corresponding relay will switch its state.
- **Status Indicators:** The device may feature LED indicators to show BUS communication status and relay activation. Refer to the device itself for specific LED behavior.

6. MAINTENANCE

The XBR2 converter is designed for minimal maintenance. Regular checks can help ensure long-term reliability.

- **Cleaning:** Keep the device free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners or solvents.
- **Inspection:** Periodically inspect wiring connections for tightness and signs of corrosion or damage. Ensure the device is securely mounted.

7. TROUBLESHOOTING

If you encounter issues with your XBR2 converter, consider the following troubleshooting steps:

- **No Relay Activation:**
 - Check BUS connections for proper polarity and secure contact.
 - Verify that the main control unit is sending the correct commands to the XBR2's address.
 - Ensure the load connected to the relay is functioning correctly and not drawing excessive current.
- **No Power/Indicators Off:**
 - Confirm that the BUS system is powered and supplying voltage to the XBR2.
 - Check for any short circuits on the BUS line.
- **Intermittent Operation:**
 - Inspect all wiring for loose connections or damaged insulation.
 - Check for sources of electromagnetic interference near the device or BUS lines.

If problems persist, contact FAAC technical support or a qualified service technician.

8. SPECIFICATIONS

Feature	Specification
Model Number	790064
Manufacturer	Gruppo Faac
Product Dimensions (L x W x H)	1 x 1 x 1 cm
Weight	100 Grams
Number of Items	1
Batteries Included	No
Batteries Required	No
ASIN	B07TJH6BZR

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your local FAAC distributor. Technical support can be obtained through authorized FAAC service centers or by visiting the official FAAC website.

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Question

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Details

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

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