

BSXYLVA F4-11

BSXYLVA F4-11 Auxiliary Contact Instruction Manual

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of the BSXYLVA F4-11 Auxiliary Contact. Please read this manual thoroughly before using the product and retain it for future reference.

2. PRODUCT OVERVIEW

The BSXYLVA F4-11 is a top-mounted auxiliary contact designed to expand the control capabilities of compatible contactors. It provides additional Normally Open (NO) and Normally Closed (NC) contacts for signaling and interlocking purposes within electrical control circuits. This product complies with RoHS directives.

- **Brand:** BSXYLVA
- **Model:** F4-11
- **Type:** Top Auxiliary Contact
- **Compliance:** RoHS



Figure 1: BSXYLVA F4-11 Auxiliary Contact. This image displays the BSXYLVA F4-11 auxiliary contact. It features a gray

body with black mounting clips. The front panel shows terminal markings 53NO, 54NO (Normally Open) and 61NC, 62NC (Normally Closed), along with a red test button and the model designation 'F4-11'.

3. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- Ensure all power is disconnected before installation, maintenance, or troubleshooting.
- Installation should only be performed by qualified personnel.
- Verify correct wiring connections according to applicable electrical codes and diagrams.
- Do not operate the device if it appears damaged.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.

4. INSTALLATION (SETUP)

The F4-11 auxiliary contact is designed for top-mounting onto compatible contactors.

1. **Power Disconnection:** Before beginning installation, ensure that the main power supply to the contactor and associated circuit is completely disconnected and locked out.
2. **Mounting:** Align the auxiliary contact's mounting clips with the designated slots on the top of the main contactor.
3. **Secure Attachment:** Gently press the auxiliary contact downwards until it clicks securely into place. Ensure it is firmly seated and does not wobble.
4. **Wiring:** Connect the control wires to the appropriate terminals (e.g., 53NO, 54NO for Normally Open; 61NC, 62NC for Normally Closed) as required by your control circuit diagram. Refer to the markings on the device for terminal identification.
5. **Verification:** Double-check all connections for tightness and correctness before restoring power.

Note: This auxiliary contact does not require assembly prior to installation.

5. OPERATION

The F4-11 auxiliary contact operates in conjunction with the main contactor. When the main contactor coil is energized, its main contacts change state, and simultaneously, the auxiliary contacts of the F4-11 will also change state.

- **Normally Open (NO) Contacts (53NO, 54NO):** These contacts are open when the main contactor is de-energized and close when the main contactor is energized.
- **Normally Closed (NC) Contacts (61NC, 62NC):** These contacts are closed when the main contactor is de-energized and open when the main contactor is energized.

The red button on the front of the auxiliary contact is typically a manual test button. Pressing this button will temporarily change the state of the auxiliary contacts, allowing for functional testing without energizing the main contactor coil. Release the button to return contacts to their normal state.

6. MAINTENANCE

The BSXYLVA F4-11 auxiliary contact is designed for minimal maintenance. Regular inspections are recommended to ensure optimal performance and safety.

- **Visual Inspection:** Periodically inspect the auxiliary contact for any signs of physical damage, discoloration, or loose connections.

- **Cleaning:** If necessary, gently clean the exterior of the device with a dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Connection Check:** Ensure all wiring connections remain tight and secure.
- **Functional Test:** Periodically test the auxiliary contact's function using the manual test button (if applicable) or by cycling the main contactor.

Always disconnect power before performing any maintenance.

7. TROUBLESHOOTING

If you encounter issues with the F4-11 auxiliary contact, consider the following:

- **No Contact Change:**
 - Verify the main contactor is operating correctly.
 - Check wiring connections to the auxiliary contact terminals.
 - Ensure the auxiliary contact is securely mounted to the main contactor.
- **Intermittent Operation:**
 - Inspect for loose wiring connections.
 - Check for any physical obstructions preventing full contact engagement.
- **Physical Damage:** If the auxiliary contact shows signs of physical damage (e.g., cracks, burns), it should be replaced immediately.

If problems persist after checking these points, consult a qualified electrician or contact BSXYLVA customer support.

8. SPECIFICATIONS

Parameter	Value
Brand	BSXYLVA
Model	F4-11
Item Weight	1.76 ounces (approx. 50 grams)
Package Dimensions	1.18 x 0.79 x 0.39 inches (approx. 3 x 2 x 1 cm)
Assembly Required	No
Number of Pieces	1
Compliance	RoHS

9. WARRANTY AND SUPPORT

Specific warranty information for the BSXYLVA F4-11 Auxiliary Contact is not provided in this manual. For details regarding warranty coverage, technical support, or replacement parts, please contact your point of purchase or the manufacturer directly.

