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› 5069-OB16 PLC Module Compact 5000 5069-OB16 DC Output Module Sealed in Box One Year Warranty Fast

## Lanlily 5069-OB16

# 5069-OB16 PLC Module Instruction Manual

LANLILY COMPACT 5000 SERIES DC OUTPUT MODULE

## 1. Introduction

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This manual provides essential information for the installation, operation, and maintenance of the Lanlily 5069-OB16 PLC Module. The 5069-OB16 is a Compact 5000 series DC Output Module designed for industrial automation applications, ensuring reliable performance and integration within your control systems.

Please read this manual thoroughly before attempting to install or operate the module to ensure safe and efficient use.



Figure 1: Lanlily 5069-OB16 PLC Module. This image displays the Lanlily 5069-OB16 PLC Module. It features indicators for 'DC OUTPUT' and 'MOD STATUS' on the front, along with a terminal block for connections. The module is designed for industrial automation applications.

### 1.1. What's in the Box

- One (1) 5069-OB16 PLC Module

## 2. Setup and Installation

Proper installation is crucial for the reliable operation of the 5069-OB16 module. Follow these steps carefully:

1. **Power Disconnection:** Ensure all power to the control system and associated equipment is disconnected before beginning installation.
2. **Mounting:** Mount the 5069-OB16 module onto a compatible DIN rail within the control cabinet. Ensure it is securely latched.
3. **Wiring:** Connect the DC output wiring to the terminal block on the module. Refer to your system's wiring diagrams for specific connections. Ensure correct polarity and secure all connections.

4. **System Integration:** Integrate the module into your Compact 5000 system according to the system's architecture and configuration guidelines.
5. **Power Connection:** Once all connections are verified, restore power to the control system.

*Note:* Always consult the comprehensive installation manual provided by the system manufacturer for detailed wiring diagrams and safety precautions specific to your application.

### 3. Operating Instructions

The 5069-OB16 module operates as a DC output interface within a PLC system. Its status indicators provide visual feedback on its operational state.

#### 3.1. Status Indicators

- **DC OUTPUT:** This indicator illuminates when the DC output channels are active and functioning correctly.
- **MOD STATUS:** This indicator provides the overall status of the module.
  - *Solid Green:* Module is operating normally.
  - *Flashing Green:* Module is in a transitional state or requires configuration.
  - *Solid Red:* Module fault or error.
  - *Flashing Red:* Recoverable fault or warning.

Refer to your PLC programming software for detailed diagnostics and configuration of the output channels.

### 4. Maintenance

The 5069-OB16 module is designed for robust industrial environments and requires minimal maintenance. However, periodic checks can help ensure long-term reliability.

- **Visual Inspection:** Periodically inspect the module for any signs of physical damage, loose connections, or excessive dust accumulation.
- **Cleaning:** If necessary, gently clean the exterior of the module with a soft, dry, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure power is disconnected before cleaning.
- **Connection Integrity:** Verify that all wiring connections to the terminal block remain secure.

*Caution:* Do not attempt to open or repair the module. Refer all servicing to qualified personnel.

### 5. Troubleshooting

This section provides guidance for common issues you might encounter with the 5069-OB16 module.

| Problem                                            | Possible Cause                                                    | Solution                                                                                                                        |
|----------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>MOD STATUS indicator is Red</b>                 | Module fault, configuration error, or power issue.                | Check power supply. Verify module configuration in PLC software. Cycle power to the module. If issue persists, contact support. |
| <b>DC OUTPUT indicator is Off when expected On</b> | No output command from PLC, wiring error, or external load issue. | Verify PLC program logic. Check output wiring for continuity and correct connections. Inspect external load for faults.         |

| Problem                      | Possible Cause                                                                  | Solution                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Module not recognized by PLC | Incorrect installation, faulty backplane connection, or configuration mismatch. | Ensure module is seated correctly on the DIN rail and connected to the backplane. Verify module type and slot configuration in PLC software. |

For complex issues or persistent problems, please refer to the support section.

## 6. Specifications

Key technical specifications for the Lanlily 5069-OB16 PLC Module:

- **Model:** 5069-OB16
- **Type:** PLC Module (DC Output)
- **Series:** Compact 5000
- **Manufacturer:** Lanlily
- **Country of Origin:** USA
- **ASIN:** B0DBM557VD
- **First Available:** July 30, 2024

## 7. Warranty Information

The Lanlily 5069-OB16 PLC Module comes with a**One Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, unauthorized modification, or acts of nature.

For warranty claims, please retain your proof of purchase and contact our support team.

## 8. Support

Should you require further assistance, have questions regarding the 5069-OB16 module, or need technical support, our professional staff is available to reply online. Feel free to inquire.

Please visit the Lanlily official support page or contact us through the platform where you purchased the module for prompt assistance.