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› AC 220V Relays Liquid Control Sensor Relay Floatless Level Switch Instruction Manual

Aexit C61F-GP

Aexit C61F-GP Floatless Level Switch Instruction Manual

Model: C61F-GP

PRODUCT OVERVIEW

The Aexit C61F-GP Floatless Level Switch is an essential component for auto-control circuits, specifically designed for liquid level management. It operates with an AC50/60Hz circuit and is widely applicable in the water industry for controlling liquid levels. This device features LED indicators to clearly display the status of water supply and drainage.

Important Notice: The working voltage for this device is AC220V. Please verify your local voltage compatibility before installation to ensure successful operation.



This image displays the Aexit C61F-GP Floatless Level Switch, highlighting its main features such as the 'WATER-SUPPLY' and 'DRAINAGE' LED indicators, the model number 'C61F-GP', and electrical specifications like 'SOURCE: AC220V' and 'CONTACT RATING: 5A 250VA'.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the C61F-GP Floatless Level Switch. Always ensure the power supply is disconnected before beginning any installation work.

Wiring Diagram (Conceptual)

While a detailed wiring diagram is typically provided with the product packaging, the general connection involves connecting the AC220V source voltage to the designated terminals and connecting the liquid level probes to the appropriate sensor inputs. The output contacts (5A 250VAC) should be wired to the control circuit for pumps or valves.

- **Power Connection:** Connect the AC220V power source to the input terminals.
- **Probe Connection:** Connect the liquid level probes (not included) to the sensor input terminals. Typically, three probes are used for high, low, and common levels.
- **Output Connection:** Wire the relay's output contacts to the device you wish to control (e.g., pump, solenoid valve).

Refer to the specific wiring diagram printed on the device or included in the product packaging for precise terminal identification and connection points.

OPERATING INSTRUCTIONS

Once properly installed and powered, the C61F-GP Floatless Level Switch will automatically monitor and control the liquid level based on the probe configuration.

LED Indicators

- **Water Supply Indicator:** An LED will illuminate to indicate when the relay is activated for water supply (e.g., filling a tank).
- **Drainage Indicator:** Another LED will illuminate to indicate when the relay is activated for drainage (e.g., emptying a tank).

The relay's contacts will switch based on the liquid level detected by the probes, initiating or stopping the connected equipment (e.g., pump) to maintain the desired liquid level.

MAINTENANCE

The Aexit C61F-GP Floatless Level Switch is designed for reliable operation with minimal maintenance. However, periodic checks can help ensure its longevity and performance.

- **Visual Inspection:** Periodically inspect the device and its wiring for any signs of damage, corrosion, or loose connections.
- **Environmental Conditions:** Ensure the device is kept in a dry environment, free from excessive dust or moisture, which can affect electronic components.
- **Probe Cleaning:** If using external probes, ensure they are clean and free from buildup that might interfere with accurate level detection.

Always disconnect power before performing any maintenance or inspection.

TROUBLESHOOTING

If the C61F-GP Floatless Level Switch is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Device not powering on.	Incorrect voltage, no power supply, loose wiring.	Verify AC220V power supply. Check all power connections for tightness.
Incorrect liquid level detection.	Improper probe installation, dirty probes, faulty probes.	Ensure probes are correctly positioned and clean. Test probes for continuity.
Relay not switching.	Overload on contacts, internal fault, incorrect wiring to controlled device.	Check the load connected to the relay contacts (max 5A 250VAC). Verify wiring to the controlled device.
LED indicators not working.	Device not powered, internal LED fault.	Confirm the device is powered. If power is present and LEDs are off, contact support.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Product Name	Floatless Level Switch
Model	C61F-GP
Source Voltage	AC 220V
Secondary Voltage	AC 8V
Contact Rating	5A 250VAC (Resistive load)
Frequency	50/60Hz
Indicator Operation	Two LED Use for Two Status (Water Supply / Drainage)
Material	Plastic, Electronic Parts
Size (L*W*T)	5.7 x 4.9 x 4cm / 2.2" x 1.9" x 1.6"
Net Weight	144g
Manufacturer	Aexit
ASIN	B07KTSPQC9

WARRANTY AND SUPPORT

Warranty information for the Aexit C61F-GP Floatless Level Switch is typically provided by the manufacturer or the seller at the time of purchase. Please refer to your purchase documentation or contact the seller directly for details regarding warranty coverage.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact the manufacturer, Aexit, or the authorized reseller from whom you purchased the product. Contact information can usually be found on the product packaging or the seller's website.

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This manual is for informational purposes only. Specifications are subject to change without notice.