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Schneider Electric AG13A000

Schneider Electric AG13A000 Two Position, 24V, GCO, N.C., General Temp Actuator User Manual

Model: AG13A000

PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation of the Schneider Electric AG13A000 Two Position, 24V, GCO, N.C., General Temp Actuator. Please read all instructions carefully before installation and use.



Image: The Schneider Electric AG13A000 actuator, a compact device with a metallic casing and a label indicating "Erie PopTop Actuator, 2 Position Normally Closed, 24V 50/60Hz 6.5WATTS CLASS 2". Wires are visible on one side, and a metal tab extends from the other.

SETUP AND INSTALLATION

The AG13A000 actuator is designed for two-position control applications. Ensure all local and national electrical codes are followed during installation. Installation should only be performed by qualified personnel.

Safety Precautions

- Disconnect all power to the system before beginning installation or maintenance.
- Verify the supply voltage matches the actuator's specifications (24V, 50/60Hz).
- Avoid contact with live electrical components.

Mounting

Mount the actuator securely to the intended valve or damper mechanism. Refer to the specific valve/damper documentation for proper mechanical coupling. Ensure the actuator is oriented correctly for its intended function (normally closed).

Wiring

Connect the 24V AC/DC power supply to the designated terminals. The actuator is a two-position, normally closed type, meaning it will return to its closed position when power is removed. Consult the wiring diagram provided with your specific system for correct connections.

Note: The actuator is rated for 6.5 Watts and is a Class 2 device.

OPERATING INSTRUCTIONS

The AG13A000 actuator operates as a two-position, normally closed device. When power is applied, the actuator will move to its open position. When power is removed, it will return to its normally closed position.

Power On/Off

- **Power On:** Apply 24V AC/DC to the actuator. The actuator will begin to move to its open state.
- **Power Off:** Remove 24V AC/DC from the actuator. The actuator will return to its normally closed state.

Functional Check

After installation, perform a functional check to ensure the actuator operates as expected. Observe the movement of the valve or damper to confirm it reaches both the fully open and fully closed positions.

MAINTENANCE

The Schneider Electric AG13A000 actuator is designed for long-term, maintenance-free operation under normal conditions. No routine lubrication or adjustment is required.

Periodic Checks

- Periodically inspect the actuator for any signs of physical damage or loose connections.
- Ensure the mounting remains secure and free from excessive vibration.
- Verify that the electrical connections are clean and tight.

Cleaning

If cleaning is necessary, use a dry, soft cloth. Do not use abrasive cleaners or solvents, as these may damage the casing or internal components.

TROUBLESHOOTING

This section provides guidance for common issues that may arise with the AG13A000 actuator. For problems not listed here, contact Schneider Electric technical support.

Problem	Possible Cause	Solution
Actuator does not move.	No power supply; Incorrect wiring; Actuator failure.	Check power supply (24V AC/DC); Verify wiring connections; Replace actuator if faulty.
Actuator moves partially or erratically.	Insufficient power; Mechanical obstruction; Internal damage.	Ensure stable 24V power; Check for obstructions in valve/damper movement; Contact support for replacement.
Actuator does not return to normally closed position.	Power not removed; Mechanical binding; Spring failure.	Confirm power is off; Check for mechanical obstructions; Actuator may need replacement.

SPECIFICATIONS

Attribute	Value
Model Number	AG13A000
Manufacturer	Schneider Electric
Type	Two Position Actuator
Voltage	24V
Frequency	50/60Hz
Power Consumption	6.5 Watts
Position	Normally Closed (N.C.)
Class	Class 2
Item Weight	4 Pounds
ASIN	B00QW2M06M
Date First Available	December 11, 2014

WARRANTY INFORMATION

Specific warranty details for the Schneider Electric AG13A000 actuator are not provided in this manual. Please refer to the official Schneider Electric website or contact their customer service for current warranty terms and conditions.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or service, please contact Schneider Electric customer support. Visit the official Schneider Electric website for contact information and additional resources.

Schneider Electric Official Website: www.se.com

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