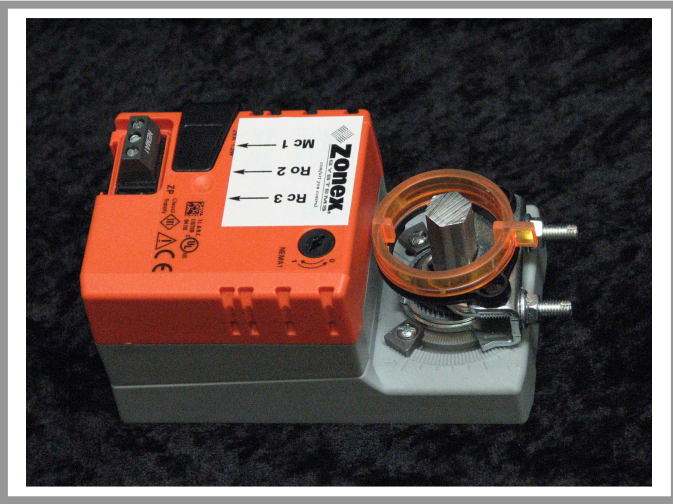


101AHDM ACTUATOR

SUBMITTAL



101AHDM Direct Coupled Actuator

DESCRIPTION

The Zonex Systems 101AHDM is a power open, power close 24vac actuator. This actuator is used on Zonex Systems Medium Pressure and Heavy Duty dampers. It can also be used to retrofit generic VAV boxes and dampers, which use 1/4" to 5/8" x 2" shafts, to Zonex control systems. The 101AHDM is compatible with all Zonex control systems for specified 2-position and modulating applications. *For further information, see Installation Instructions for the specific Zonex control system application, or contact Zonex Systems Technical Support.*

The AHDM actuator has many unique installation features:

- Actuator connects directly to damper shaft
- Anti rotation strap for damper or VAV box installation
- Reflective visual damper position indicator
- Manual drive release button
- Digital rotation sensing (DRS) for end of travel hold
- Adjustable open/close stops
- Direction reverse switch
- Quiet operation - 35 dB sound rating
- 3-wire screw terminal block

TECHNICAL DATA

General Specifications:

- Power Open / Power close - Floating
- Rotation - 95° max. Mechanical open/close stops
- Manual drive release button
- 95 second full stroke
- Torque – 45 in-lb
- Housing – NEMA 1
- 3-wire screw terminal block
- Reversible direction switch
- Weight – 1.1 Lbs

Electrical:

Supply Voltage: 24vac +/- 10% 50/60 Hz
Power consumption: 2 VA maximum (1.5 watt)
Wire Size: 18 ga. min. Solid

Environmental:

Ambient Temperature: -22° to 122°F (-30°C to +50 °C)
Operating humidity: 5 to 95% non-condensing
Storage temperature: -40°F to 176 ° F (-40°C to 66 °C)

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