SUBMITTAL

RZKITX Retrozone

DESCRIPTION

The RZKITX includes a ZSTAT communicating modulating thermostat and a 101AHDM replacement actuator motor.

The Zonex Systems ZSTAT thermostat is a microprocessor based, auto changeover, communicating zone thermostat. The ZSTAT controls modulating medium pressure and heavy duty dampers. The ZSTAT communicating zone thermostat is used with the GEN X WI-FI app base zoning system.

The Zonex Systems 101AHDM 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 ¼” to ½” 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 RZKITX provides a simple, low cost solution allowing the contractor to utilize existing dampers and much of the existing controls wiring in the retrofitting of existing VVT or older controls systems.

For further information, refer to the submittal for the individual component: ZSTAT and 101AHDM.

Technical data for the ZSTAT and 101AHDM can be found on Page 2 of this document.
**TECHNICAL DATA**

**101AHDM**

**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 – NEMA1
- 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)

**ZSTAT**

**Electrical:**
Supply voltage: 24vac
Power consumption: 2 va maximum

**Input:**
- 24vac
- Platinum Thermistor

**Outputs:**
- RO RC Triacs - 24vac @ .3 amp max
- W1 Relay - 24vac @ 1.0 amp maximum

**Communication:**
RS485
Zonex -3- Wire Twisted Pair

**Environmental:**
Operating Temperature: 35° to 130° F (2° to 54° C)
Operating Humidity: 5 to 95% non-condensing
Storage Temperature: 0° to 150° (-18° to 66° C)

**General:**
Dimensions: 3 1/2" H x 4 1/2" W x 3/4" D
Temperature Display Range: 55° to 95° F
Accuracy: +/- 0.8° F
Memory: Non-volatile EEPROM
Display: 128x64 Graphic LCD

Rev 1/26/18