Product: BCXE

Subject: Mixing Box - Actuator wiring detail and mixing box section

Details:

* The actuator is the same for LH and RH actuator access.
* LH/ RH is determined by facing the discharge or (supply air blowing into your face). The actuator linkage will be longer on that side.

NOTE: It can be changed in the field by loosening the clamps and sliding the shaft to the other side.

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| Actuator part number = Trane ACT00338 or Engineering **X13611055030** |

**WIRING DETAIL:**

**Wires at the actuator are: Black =common or hot, Red = common or hot, White = Open/ close (Based on actuator mounting), Green = Open/ close (Based on actuator mounting)**

**CSTI**

**Red = 24v hot from the actuator to the yellow wire on the harness (50262995)**

**Black = 24v common from the actuator to the blue wire from the harness (50262995)**

A diagram of a wiring diagram

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**UC400/ Symbio**

**Red = 24v common from the actuator to the blue wire from the harness**

**Black = 24v hot from the actuator to the yellow wire from the harness**

**Mounting actuator**

The factory bracket connects to the actuator and the damper edge. Self-tapping screws are used to connect actuator bracket to the damper section as shown.

**Rotation of the actuator and linkage**

Closed or open position are determined by the back or return air damper blades.

See examples also found in the IOM for size 12 to 72 and 90 to 120.

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