

## VAV-B-X VAV Controller

### SPECIFICATIONS

**Loop Source** 24VDC@500mA

**Voltage Input (VI)** 0-10VDC

**Resistive Input (RI)** 10KΩ Potentiometer

\* Space Temp Adjust use part #'s:

ST-S3E, ST-S3E-XA

**Temp. Input (TI)** 10KΩ Type III Thermistor

**Wall Sensor** 10KΩ Type III Thermistor,

or part #'s: ST-S3E, ST-S3E-MN-S3-700,

MN-S3-HT, MN-S4

**Analog Output (AO)** 0-10VDC@20mA

**Binary Output (BO)** 24VAC@420mA

10VA per contact

**Comm. Ports** RS-485

\* Wire should be twisted pair with shield.

**Power** 24-28 VAC, 50/60Hz, Class 2,

2VA Quiescent, 75VA full load

\* Transformer must be earth grounded.

**Cable Binary Output (BO)** 24VAC/DC

50/60Hz

4VA, 2W max

0 1 2 3 4 5 6 7 8 9

Address  
8 4 2 1 - 8 4 2 1

1s

10s

Example  
Address = 97

Loop Source (4-20mA) 16

Voltage Input 2 (VI) 15

Voltage Input 1 (VI) 14

Resistive Input 2 (RI) 13

Resistive Input 1 (RI) 12

Wall Sensor 11

Analog Output 2 (AO) 10

Analog Output 1 (AO) 9

Binary Output 4 (BO) 8

Binary Output 3 (BO) 7

Binary Output 2 (BO) 6

Binary Output 1 (BO) 5

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