



**Note : Terminals 3, 18 and 33 are connected internally**

Use caution when disconnecting the CBT-STAT connector. It is recommended that you press downwards with your finger at the end of the circuit board (beside the connector) while pulling the connector upwards.

	<b>Common</b>
	<b>Point Numbers</b>
	<b>Terminal Numbers</b>
	<b>BACnet MS/TP Port</b>
	Important: in order for the BACnet MS/TP bus to operate reliably, the common power connection (terminal 33 ) must be connected to Earth. AAM recommends that this is done at the 24 VAC transformer.
	<b>BACnet MS/TP Terminator</b>
	<b>OFF</b> (BACnet MS/TP bus not terminated at this controller)
	<b>ON</b> (BACnet MS/TP bus terminated at this controller)

	<b>g</b> <b>Universal Input</b>
	<b>h</b> <b>Service Port (screw terminal)</b> <b>Note:</b> Service Port must not be connected until after the device is powered on.
	<b>Power 24 V AC</b> Important: The common power connection (terminal 33 ) must be connected to Earth. AAM recommends that this is done at the 24 V AC transformer.
	<b>i</b> <b>Digital Outputs</b>
	<b>q</b> <b>Airflow Sensor</b>
	<b>s</b> <b>Indicator LEDs</b>
	<b>t</b> <b>Service Port RJ-45</b> <b>Note:</b> Service Port must not be connected until after the device is powered on.
	<b>v</b> <b>Room Display / CBT-STAT RS-485</b>
	<b>w</b> <b>Room Display / CBT-STAT Power Supply</b>

S

### Indicator LEDs

#### Red LED

Continuous : Optional battery is healthy  
Flash once/second : No battery/battery low  
*battery is present only on custom versions*



**CAUTION - DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.**

#### Green LED

Continuous : Strategy servicing and no comms  
Flash rapidly (every 100ms) : Strategy not servicing  
Flash once/second : MS/TP comms & strategy servicing

*when service port is in use, the green LED blinks off as service port communication is received*

#### Yellow LED

Off : Normal operation  
On : Priority Array set above 16, for one or more hardware points, by external BACnet client, or by the CEC



**Cycle top to bottom**  
Controller is in terminal mode



**Cycle bottom to top**  
Upgrade in progress while controller is in terminal mode  
*strategy not serviced while in terminal mode*



**Cycle green to yellow**  
Global comms/setup problem



**Green and yellow flash simultaneously**  
Global comms/setup problem and hardware point priority array set above 16 by external BACnet client, or the CEC

za

**Rotary Actuator**

zb

**Actuator direction selector**

zc

**Damper Manual Override**

U

zd

**UniPut**

ze

**Internal Actuator Outputs**

zf

**Keypad Port**

1E-01-00-0069



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