



Heating & Cooling Products

VCB-X Controller

ASM01862 ALT-REF number OE335-26B-VCBX

Description

The VCB-X Controller is designed with 5 analog inputs, 3 analog outputs, 4 binary inputs, 6 relay outputs, and 1 triac output.

The VCB-X Controller has an on-board BACnet® port for connection to an MS/TP network.

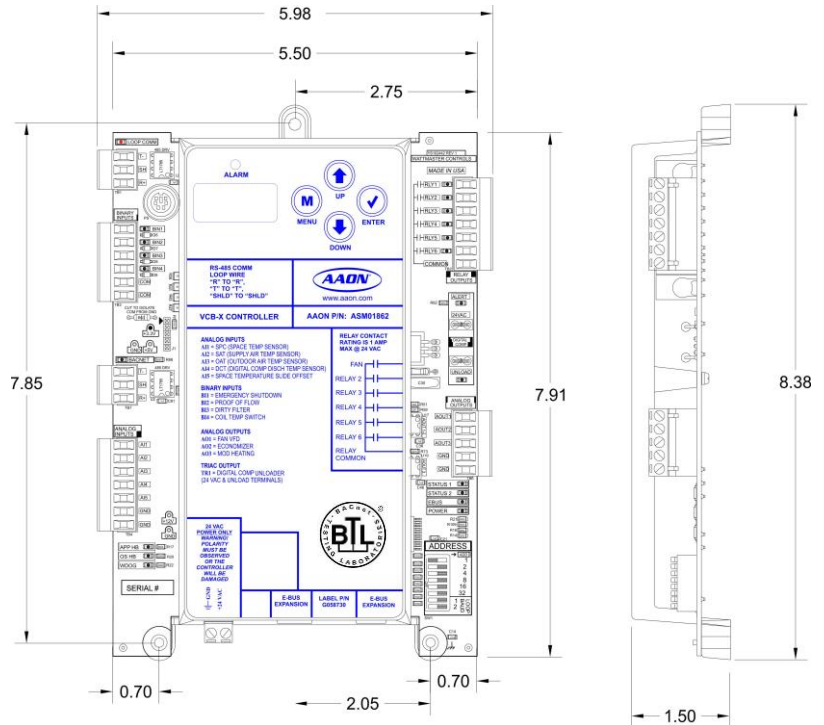
There are also 2 E-BUS Expansion Ports which allow the connection of communicating sensors and E-BUS Modules via modular cable assemblies. There are 3 communicating sensors available—an E-BUS Digital Space Sensor, a Space E-BUS CO₂ Sensor, and a Duct Mounted E-BUS CO₂ Sensor.

The VCB-X Controller contains a 2 x 8 LCD character display and 4 buttons that allow for status and alarm display as well as BACnet® configuration.

The VCB-X Controller provides for Constant Volume, VAV, Make-Up Air, and Single Zone VAV applications. Single Zone VAV applications can be configured for VAV Cooling and either CAV or VAV Heating.

Mounting

The VCB-X Controller is housed in a plastic enclosure. It is designed to be mounted by using the 3 mounting holes in the enclosure base. The VCB-X Controller needs to be installed in an environment which can maintain a temperature range between -30°F and 150°F not to exceed 95% RH levels (Non-Condensing). It is important to mount the controller in a location that is free from extreme high or low temperatures, moisture, dust, and dirt. Be careful not to damage the electronic components when mounting the controller.



Technical Data		VCB-X Controller	
Operating Power	18-30 VAC	Power Consumption	8 VA Maximum
Operating Temp	-30°F to 150°F	Operating Humidity	0-95% RH Non-Condensing
Communications	E-BUS BACnet® MS/TP	Weight	1 lb.
Inputs	5 Analog Inputs 4 Binary Inputs	Outputs	3 Analog Outputs 6 Relay Outputs Digital Compressor Triac
One Year Warranty		AAON reserves the right to change specifications without notice	