



Heating & Cooling Products

VCB-X EM1 Expansion Module

ASM01864 ALT-REF number OE336-23-EM1

Description

The VCB-X EM1 Expansion Module connects to the VCB-X Controller with an EBC E-BUS cable to provide additional inputs and outputs beyond those found on the VCB-X Controller.

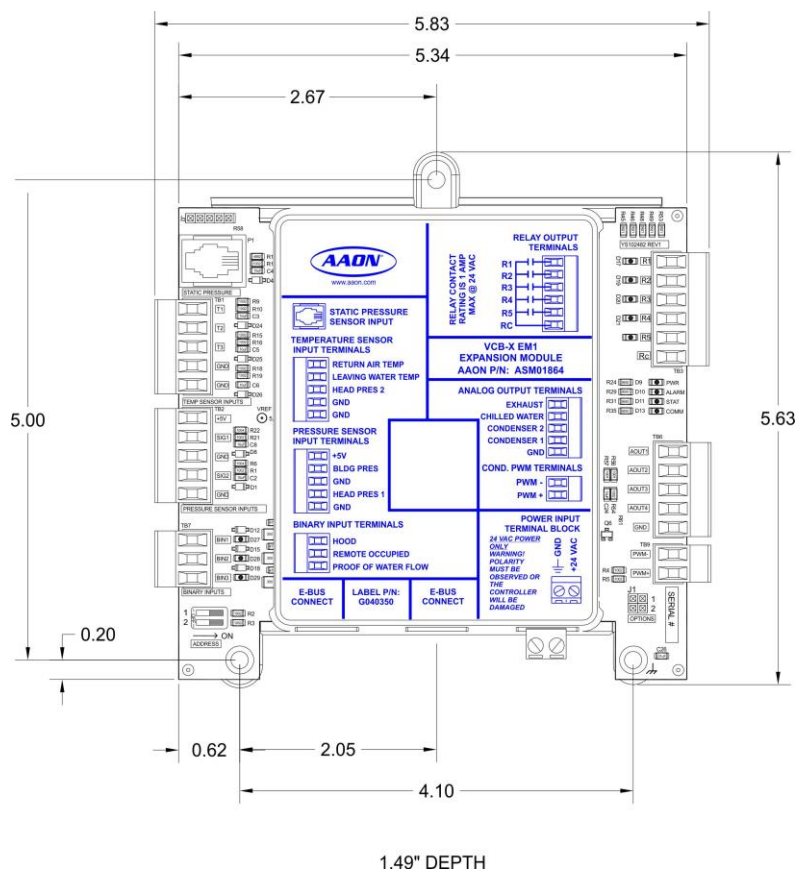
The VCB-X EM1 Expansion Module adds an additional 6 Analog Inputs, 3 Binary Inputs, 5 Relay Outputs, and 4 Analog Outputs.

The EM1 Expansion Module adds VAV capabilities, Building Pressure, Head Pressure Control, and Water Source Heat Pump Monitoring.

The EM1 Expansion Module must be connected to a 24 VAC power source. When wiring the VCB-X EM1 Expansion Module, its binary inputs and relay outputs must be wired as wet contacts (connected to 24 VAC).

Mounting

The VCB-X EM1 Expansion Module 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 EM1 Expansion Module 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 module 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 module.



Technical Data		VCB-X EM1 Expansion Module	
Operating Power	18-30 VAC	Power Consumption	5 VA Maximum
Operating Temp	-30°F to 150°F	Operating Humidity	0-95% RH Non-Condensing
Communications	E-BUS	Weight	1 lb.
Inputs	3 Binary Inputs 6 Analog Inputs	Outputs	5 Relay Outputs 4 Analog Outputs
One Year Warranty		AAON reserves the right to change specifications without notice	