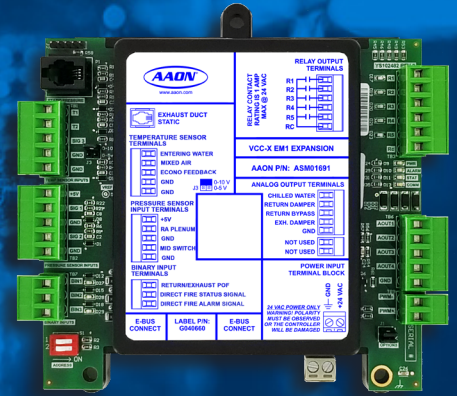




# VCC-X EM1 EXPANSION MODULE ASM01691



Stay in control with customizable control solutions. AAON offers a wide range of control solutions to optimally regulate and monitor the operation of your HVAC systems.

## PHYSICAL

### Increase The Number of Controller Inputs and Outputs

The VCC-X EM1 Expansion Module connects to the VCCX2 Controller with an EBC E-BUS cable to provide additional inputs and outputs beyond those available on the VCCX2 Controller.

The VCC-X EM1 Expansion Module adds an additional four Analog Inputs, four Analog Outputs, one additional Binary Input, and five Configurable Relay Outputs.

### Gain Additional Feedback and Control

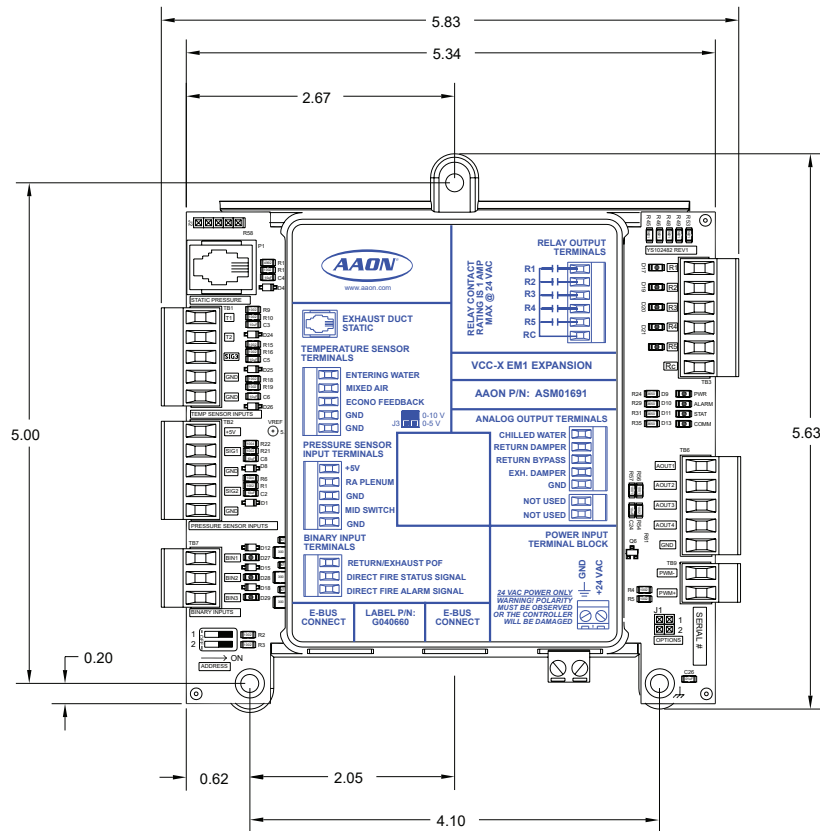
The EM1 Expansion Module adds Title 24 Exhaust Damper Control Feedback, Return Air Bypass, and Chilled Water.

The EM1 Expansion Module must be connected to a 24 VAC power source. When wiring the VCC-X EM1 Expansion Module, its relay outputs must be wired as wet contacts (connected to 18-30 VAC).

## Electrical and Environmental

|                       |                                     |
|-----------------------|-------------------------------------|
| Operating Power       | 18-30 VAC                           |
| Operating Temperature | -22°F to 158°F                      |
| Power Consumption     | 5 VA Maximum                        |
| Operating Humidity    | 0-95% RH<br>Non-Condensing          |
| Inputs                | 4 Analog Inputs<br>3 Binary Inputs  |
| Outputs               | 5 Relay Outputs<br>4 Analog Outputs |

Contact AAON Support for Technical Assistance  
[www.aaon.com/contact](http://www.aaon.com/contact)



Note: All Dimensions are in inches.

Note: Depth is 1.50 inches.

## INSTALLATION

### Mounting

The VCC-X EM1 Expansion Module is housed in a plastic enclosure. It is designed to be mounted using the three mounting holes in the enclosure base and the included mounting screws (#8 x 1" sheet metal screws).

The VCC-X EM1 needs to be installed in an environment which can maintain a temperature range of -22°F to 158°F not to exceed 95% RH levels (Non-Condensing). It is important to mount the device 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.

Scan the code for additional product information

