



**ClimaVision**

## **Connect Module**

**Part # 7C-SN-C4X-X**

### **The Programmable Multi-purpose Controller for Building Intelligence**

The ClimaVision Connect Module is a programmable multi-purpose controller designed to provide intelligent oversight for various equipment such as exhaust fans, pumps, and lighting circuits. While the Connect Module serves as the core equipment controller for the HyperStat Split, it also can function independently with low code for customized control. By programming with Blockly or selecting from a library of pre-engineered algorithms, programmers can efficiently configure the module to control and manage simple equipment like exhaust fans and lighting loads or more diverse equipment, ensuring a robust and scalable building control strategy.

#### **Features and Benefits**

**Programmable Equipment Control:** Pick up miscellaneous equipment to meet job site demands. Choose an application from the library of algorithms or utilize the Site Sequencer with Blockly low code to construct what is needed for your application.

**Versatile I/O in a Compact Footprint:** Equipped with 12 independently controlled and schedulable outputs and eight universal inputs available for monitoring, plus a communicating sensor port for up to 7 daisy-chained sensors.

**Simplified Infrastructure:** Utilizes PoR technology to enable high-speed communication to compatible sensors over standard 2-wire cabling, creating efficiencies by reducing the need for new wiring in retrofits and supporting the affordable 18/2 thermostat wire in new construction.

**Schedule All Outputs Individually:** Provide ultimate flexibility to how equipment is being controlled by configuring each output with its own schedule.

**Remote Lifecycle Management:** Supports over-the-air (OTA) for programming and updates to ensure the device can be updated with new algorithms and the latest firmware improvements without requiring manual site visits.

# ClimaVision Connect Module

## Specification

<b>Compatible Applications</b>	Programmable with Site Sequencer via Blockly low code
<b>Power</b>	24V AC/DC (+/-15%) with nominal power consumption 1.0W and maximum consumption of 2.5W
<b>Inputs (8)</b>	A. (8 UI) Universal inputs configurable as 10K Thermistor/ 0-10V/ 4-20mA
<b>Outputs (12)</b>	D. (8 DO) Relays rated at 0.5A at 120V ac or 2A at 24 V ac/dc resistive load E. (4 AO) Analog outputs configurable as 0-10V dc
<b>Display</b>	TFT LCD, 1.77", 128 x 160 Pixels (RGB)
<b>Communication</b>	<p>Wireless Communication:</p> <ul style="list-style-type: none"> <li>• Bluetooth 4.1 for pairing to CCU</li> <li>• No support for 900MHz wireless mesh</li> </ul> <p>Wired Communication:</p> <ul style="list-style-type: none"> <li>• RS485 port for Modbus RTU to CCU or BACnet MSTP communication to 3rd-party building automation system</li> <li>• ClimaVision 3-wire sensor port</li> <li>• PoR - Power over RS485 to enable power and communication to compatible ClimaVision sensors over two standard thermostat wires.</li> </ul>
<b>Mechanical Dimensions</b>	5.5" x 4.13" x 1.22" (140 mm x 105 mm x 31mm)
<b>Mounting</b>	Panel or DIN rail mounting

## Dimensions

