Building Performance Equipment, Inc.®

Sustainable, Reliable and Energy Efficient Ventilation Systems

BPE BACnet® CMMB102

Dual Mini I/O Module

The CMMB102 expands your BMS system over the BACnet or Modbus network when your application requires additional inputs and outputs on a physical controller. It provides simple expansion of a new or existing controller and reduces unnecessary costs of additional components. On-board LEDs help track and diagnose any input and output activity during operation.

FEATURES

Power & Communication

- 24Vac or 24Vdc supply
- BACnet® MS/TP port or Modbus communication port (selectable)

Inputs & Outputs

- 4 universal inputs
- 2 universal outputs (supervised)
- 2 binary outputs (supervised)

Installation

- 4 override switches to manually control each output
- LED status indication of each input and output
- DIN rail mounting
- Removable, non-strip, raising clamp terminals
- Removable see-through panel for easy access to DIP switches

NETWORK COMMUNICATION

- BACnet® MS/TP or Modbus communication port (selectable via DIP switch)
- Select MAC address via DIP switch or via network

BACnet®

- MS/TP @ 9600, 19200, 38400 or 76800 bps
- Automatic baud rate detection
- Automatic device instance configuration
- Copy & broadcast configuration to other CMMB modules

Modbus

- Modbus @ 9600, 19200, 38400 or 57600 bps
- RTU Slave, 8 bits (configurable parity and stop bits)
- Connects to any Modbus master

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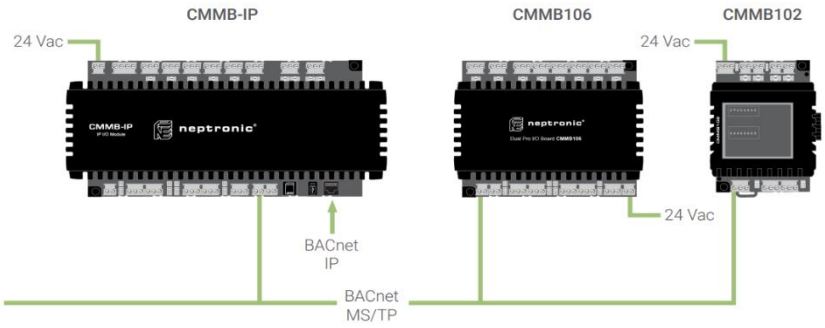
APPLICATION EXAMPLE

CONNECTION VIA BACNET MS/TP



What is BACnet®?

BACnet, which stands for Building Automation and Control Networks, is a communication protocol developed specifically for the built environment. It enables seamless integration of building control devices and services from various manufacturers. BACnet is commonly implemented in systems such as HVAC&R controls, lighting management, fire and life safety systems, as well as access control, among others.