

BACnet/Modbus Carrier Translator

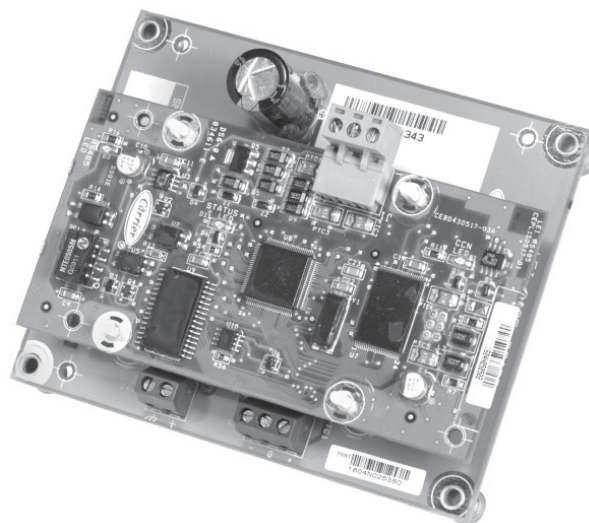
The BACnet/Modbus Carrier Translator is a micro controller-based module that provides the ability to integrate Carrier CCN-based controllers into Modbus and BACnet networks. The BACnet/Modbus Carrier Translator (33CNTRAN485) provides CCN to Modbus Remote Terminal Unit (RTU) and BACnet Master-Slave/Token-Passing (MS/TP) protocol conversion.

The Carrier Translator can be mounted in the controls section of any CCN equipment and converts CCN-based controller data to BACnet or Modbus. The Carrier Translator is outdoor duty rated and contains CCN RS-485 and BACnet/Modbus communications connectors.

When connected to a CCN controller, the BACnet/Modbus Carrier Translator allows a third party BACnet or Modbus device to read and write to the CCN controller's mapped status display, time schedule, and setpoint schedule data. Note that status display write access is subject to the CCN equipment controller's defined read/write access for each status display item.

FEATURES

- 3-wire removable BACnet/Modbus connector
- 3-wire fixed screw terminal CCN connector
- 2-wire fixed screw terminal Power connector
- Red Processor Status LED
- Yellow CCN Communication Status LED
- Green BACnet/Modbus Communication Status LED



SPECIFICATIONS

Power Requirements	3 VA @ 24 Vac + 25%
Dimensions	2.1 in H x 5 in W x 4 in D (53.3 mm x 127 mm x 101.6 mm)
Operating Temperature	-40°F to 158°F (-40°C to 70°C)
Storage Temperature	-40°F to 185°F (-40°C to 85°C)
Operating Humidity	0 to 95%, non-condensing
CCN Communications	9600, 19.2K, 38.4K baud
BACnet MS/TP Communications	EIA-485 at 9600, 19.2K, 38.4K baud
Modbus RTU Communications	EIA-485 at 9600, 19.2K, 38.4K baud
Data Bits	8
Parity	Odd, Even, None
Stop Bits	0, 1, 2
Flow Control	None, XON/XOFF

Conforms to guidelines for radiated and conducted emissions for a Class A device as stated in FCC Rules and Regulations Part 15, Subpart J.

UL 916 and CE MARK (industrial) listed.