MCS-BMS-GATEWAY-N54
Description & Specifications

Part #

MCS-BMS-GATEWAY-N54 (not programmed)

MCS-BMS-GATEWAY-P-N54 (programmed)

Description

The MCS-BMS-GATEWAY-N54 is a microprocessor based communication device that provides protocol translation from BACnet IP to: BACnet MSTP, Modbus RTU to Modbus IP or Johnson N2. Information that can be transmitted includes the status of control points, alarm information, digital inputs, analog inputs or setpoints.

Using **MCS-CONFIG** and the CONFIG file for the MCS-MAGNUM, you can automatically create the program that is required by the MCS-BMS-GATEWAY-N54 Then using a web browser you can download the program into the unit and select the BMS protocol.

The MCS-BMS-GATEWAY-N54 can receive changes from the network to enable or disable the Network Run/Stop indicator. Adjustments can also be made to the Cooling Target (Setpoint #1) of a MCS-MAGNUM.

Features and Benefits:
- Ethernet
- RS-485 & RS-232
- On-board diagnostics allow easy troubleshooting for both serial and Ethernet communications.
- One MCS-BMS-GATEWAY-N54 connects multiple Serial and Ethernet devices.
- Supports up to 10,000 device points.
- Can support OEM proprietary protocols to building management systems.

Specifications

Dimensions (HxWxD) .... 4 x1.1 x2.7 in (10.16 x2.8 x6.8cm)

Mounting .... DIN rail mounting bracket

Communication

Serial (Galvanic Isolation)...1 xRS-485/RS-232 & 1 xRS-485

Baud 9600, 19200, 38400, 57600, 76800, 115000

Ethernet .... 10/100BaseT, MDIX, DHCP

Environment

Operating Temperature...... -20 to 70°C (-4 to 158°F)Operating

Relative Humidity............... 10-95% RH non-condensing

Power Requirements

Input Voltage..................... 9-30VDC or 24VAC

Current Draw 24VAC 0.125A
9-30VDC 0.25A @12 VDC

Max Power........................ 3W

Approvals.......................... CE and FCC Class B & C
BLT Marked, UL 60950-1
CAN/CSA C22.2, IC Canada
RoHS3 and WEEE compliant

IMPORTANT

MCS-BMS-GATEWAY-P-N54

The MCS-BMS-GATEWAY-P-N54 is delivered pre-configured for the user specific requirements. No additional programming or mapping is necessary.

Contents of Package

7ft CAT 5e Crossover Patch Cord, Orange
DIN Rail Mounting Kit with 2-1/2" DIN Rail and Two End Stops
Install Document.

Packaging

Ship Weight .... 0.72 lb (approx)

Box Dimensions................. 7" x 5.75" x 3" (approx)