

BACnet MSTP to Modbus TCP/IP Gateway

NewroCon Modbus Gateway

Modbus Gateway provides a cost effective interface to Building Management Systems (BMS)

Hardware Specification

Processor - ARM Cortex M7 with 600MHz speed - 3 No's

Memory

256Mb SDRAM, 32 Mb Flash

Power Requirements

Voltage: VAC 12-24 Volts (Or) VDC 9-36 Volts
Current : 280m A @ 24VDC

Communication

1x10/100 Mbps Ethernet Port for Modbus TCP/IP
2x RS485 Ports (Isolated Interface)
BACnet MSTP
Protection - 2KV Electromagnetism Isolation
Interface - RS-485 2 Wire (A+,B-)
Baud Rate - 9600, 19200, 38400
Check Bit - None, Even, Odd
Buffer - Send and Receive 1K bytes

Configuration

Webpage & CSV

Architecture

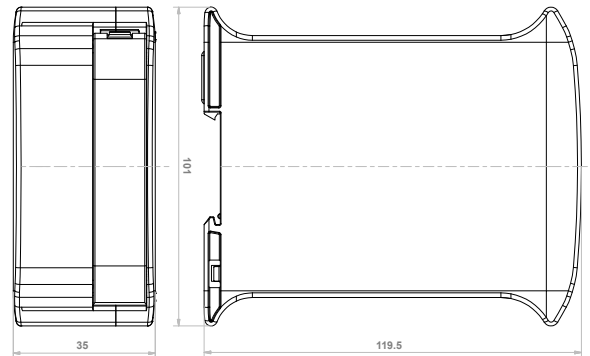


Environmental

Operating Temperature: -40 - 80 degC
Relative Humidity: 5-80% RH, Non-Condensing

Enclosure

Housing: ABS
Mounting: 35mm DIN Rail
Dimensions: 119.5 x 35 x 101 (LxWxH)



To communicate to multiple BACnet MSTP devices at the same time across a MSTP network. Only chosen points can be read from multiple BACnet MSTP devices by BMS as a single Modbus TCP/IP device