EnSmart Controls
Smart way to connect buildings

Protocol Gateway

Protocol Gateway Provide a Effective Interface to

Building Management Systems (BMS)

(Modbus/BACNet IP Gateway)

Specifications:

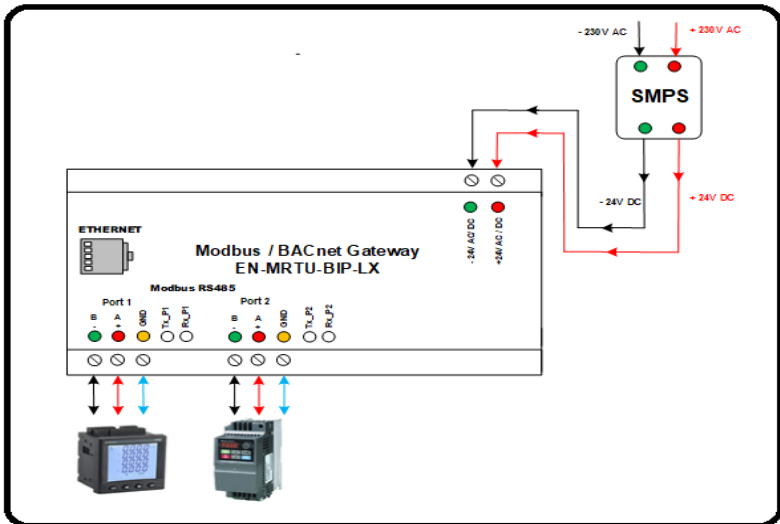Processor: Quad-Core 64-bit Broadcom 2711, Cortex A72 Processor

LAN RJ45 10/100/1000 Mbit

Power Requirements:

Voltage: V AC/DC 12-24 Volts

Current: max 200ma @ 24 V AC/DC

Protocol Gateway Architecture

Communication:

1X 10/100/1000 Mbps Ethernet Port

Modbus TCP/IP

2X RS485 Port (Optical Isolated Interface)

RS485 Ports: Modbus RTU

Environmental:

Operating Temperature: 0 to 60 degC

Storage Temperature: -20 to 70 degC

Storage Humidity: 5 ~ 95 % RH, non - Condensing

To communicate to multiple serial devices at the same

Across a LAN Network.

Interface RS485 2-Wire (A+, B-)

Baud Rate RS485: 300 bps to 250000 bps

Power Requirements:

Housing: V AC/DC 12-24

Mounting: 35mm DIN Rail

Data bits: 5,6,7,8

Stop Bits: 1,2

Check Bit: None, Even, Odd

Country of Origin: INDIA

Applications:

Modbus RTU to Modbus TCP/IP: EN-MRTU-BIP-LX

Modbus RTU to BACnet IP: EN-MRTU-BIP-LX

Modbus IP to BACnet IP: EN-MRTU-BIP-LX