



# CHP Technical Data Sheet for Modbus to BACnet Converter

## BASgatewayLX



## Power Therm



### Standard Features

- Gateway Functionality between
  - Modbus Serial (RTU or ASCII) and BACnet/IP
  - Modbus TCP and BACnet/IP
- Flexible Communication Ports
  - 10/100 Mbps Ethernet with auto-negotiation and Auto-MDIX
  - Opto-isolated serial port supports either 2-wire or 3 wire EIA-485
  - Jumper- selectable EIA-485 bias and termination
  - Baud rates from 2.4-115.2 kbps
- Resident web server for commissioning and troubleshooting via a standard web browser

Modbus remains a popular network interface. It is found as standard on all Shentongroup Powertherm CHP models, however for applications that require BACnet, an interface is needed.

To make Modbus devices appear as individual BACnet devices a BASgatewayLX is used. This device has one 10/100 Mbps Modbus TCP or BACnet/IP Ethernet port and an opto-isolated Modbus EIA-485 serial port for Modbus RTU or Modbus ASCII devices. Programming information and integration involvement will be required from site controls/BMS provider

#### SPECIFICATION

Input Voltage	24VAC/VDC
Power Requirements	6W
Mounting	35mm DIN Rail
Operating Temperature deg C	0° to 60°
Relative Humidity	10-95%, non-condensing
Protection	IP30
Regulatory Compliance	UL 508; C22.2 No. 142-M1987
Enclosure Dimensions	41mmW X 131mmH x 100mmD