ELKOR

ETBAC

WATTSON BACNET/IP GATEWAY

FEATURES:

- BACNet/IP Interface
- Modbus/TCP to Modbus/RTU bridging
- Supports up to two WattsOn meters simultaneously
- Build-in web server with secure login
- Status page for diagnostics
- Easy & informative naming convention
- BACnet Device Object support
- Customizable for other devices.

APPLICATION:

The ETBAC module is intended to facilitate use of the WattsOn meter on BACNet/IP networks.

It may be used in any environment requiring a BACet/IP topology for communication with metering equipment. Additionally, the module may be custom configured to allow it to work with other Modbus/RTU slave devices.

Additionally, the unit gateway be used as a Modbus/TCP to Modbus/RTU bridge for any Modbus/RTU device connected to its RS-485 terminal.

SPECIFICATIONS:

Power: 9-32 VDC (100mA) or 12-24VAC (100mA)

RS-485: Modbus/RTU (all WattsOn devices)

Ethernet: BACnet/IP over Ethernet RJ45 standard
IEEE 802.3 10/100 Mbps
10BaseT, 100BaseT, RJ45 connector
Half/Full duplex
100m (max) CAT5 cable length.

Protocols: Modbus RTU, Modbus TCP, TCP/IP, BACnet/IP
Conforms to BACnet 2008 Standard
Web browser configuration

Mounting: DIN Rail Mount (L x W x H = 27mm x 96mm x 42mm)

PRODUCT DESCRIPTION:

The ETBAC module is an Ethernet Gateway designed to bridge a BACnet/IP network with the WattsOn Universal Power Transducer. It supports up to two WattsOn meters at the same time, and exposes most of the Floating Point values in preconfigured BACnet objects.

In addition, the module simultaneously acts as a Modbus/TCP to Modbus/RTU bridge and allows accessing any Modbus/RTU device on the RS-485 chain via the Modbus/TCP protocol.

The module is configured via an intuitive web interface. WattsOn parameters may be configured via the WattsOn Console Software using the gateway's Modbus/TCP Bridging capability, or through a local RS-485 connection. The BACnet objects are discoverable, and once configured, the module offers a plug-and-play solution for BACnet connectivity.

ORDERING INFORMATION:

ETBAC fully describes this product