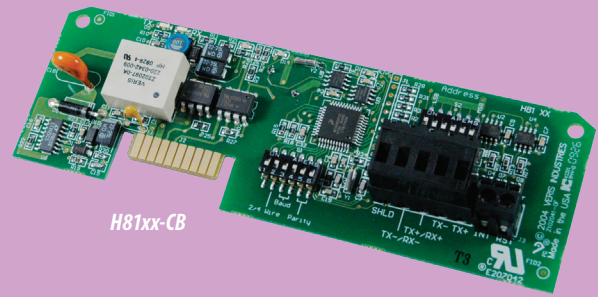


Communications Boards for H81xx Series Energy Meters

Available with Modbus, BACnet, or N2 Protocols



DESCRIPTION

With the optional H81xx-Communications Board, the H81xx Series energy meters connect easily to control/data systems networks using Modbus, BACnet, and Metasys (N2) protocols. The H81xx-CB reports energy and power diagnostic information including kW, kWh, kVAR, PF, amps, volts, and more.

The **H81xx-CB** is easy to install in the field. On-board switches provide a convenient means of setting network configuration parameters such as parity, baud rate, and network wiring (2-wire or 4-wire).* Status LEDs provide quick confirmation of successful installation.

* Does not apply to H8126-CB

APPLICATIONS

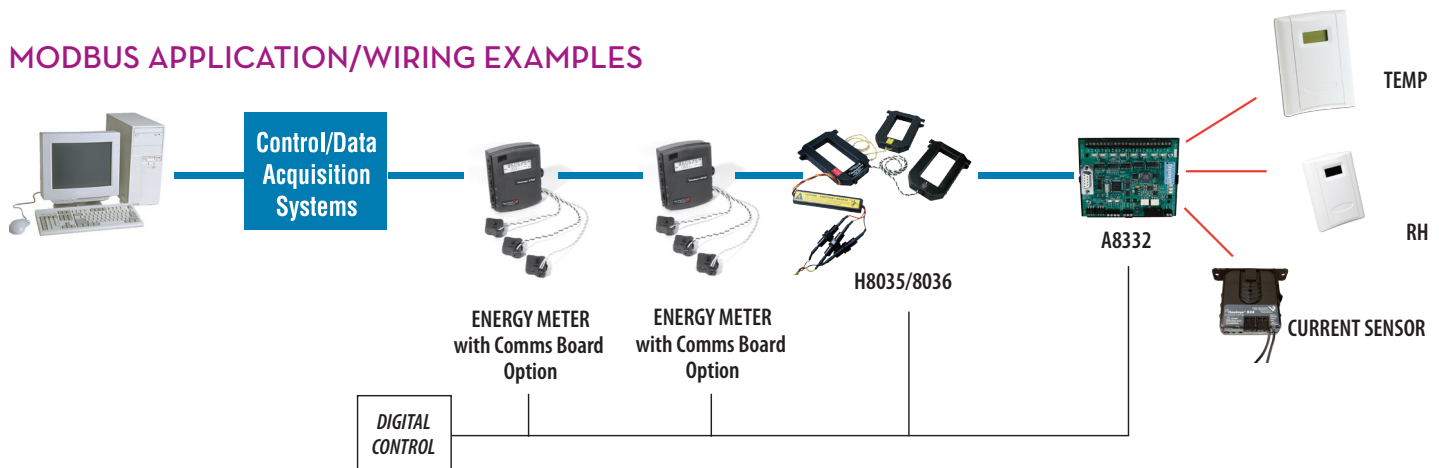
- Commercial tenant submetering
- Performance contracting
- Cost allocation
- Real-time power monitoring through control/data acquisition systems
- Facility trending

FEATURES

- Easily network to existing systems via RS-485 connection
- Field-selectable parity: odd/even/none*
- Works with 2-wire and 4-wire systems*
- Field-selectable baud rate: 2400, 4800, 9600, or 19200 (9600, 19200, or 38400 for H8186-CB)
- Measure interval demand and sub-interval demand*

* H8163-CB only

MODBUS APPLICATION/WIRING EXAMPLES



ORDERING INFORMATION



MODEL	DESCRIPTION
H8163-CB	Modbus Communications Board for H81xx Series
H8186-CB	BACnet Communications Board for H81xx Series
H8126-CB	Metasys N2 Communications Board for H81xx Series

For other communication protocols, contact factory.

For Modbus to LON conversion, use H8163-CB and H8920-3 gateway.

ATTENTION
H81xxCB Series interfaces are sold as open devices. Observe handling precautions for static sensitive devices to avoid damage to the circuitry which would not be covered under the factory warranty.

ACCESSORIES

Modbus TCP Gateway (U013-0012)

BACnet IP Router (U013-0013)

Lon Node (H8920)



U013-0012



U013-0013



H8920 Series