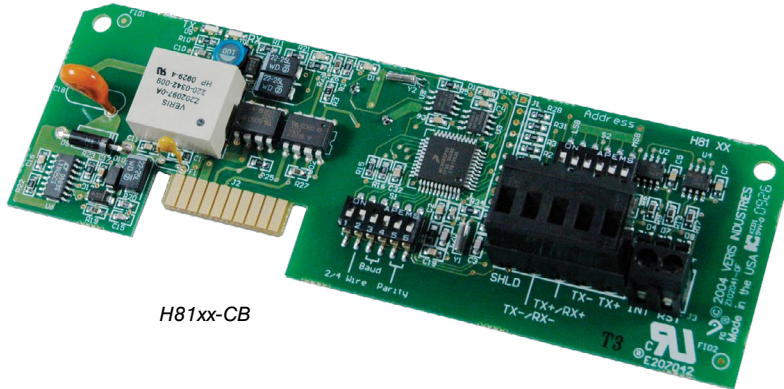




# Communications Boards for H81xx Series Energy Meters

## H81xx-CB Series



H81xx-CB

### Available with Modbus, BACnet, or N2 Protocols

#### 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

#### DESCRIPTION

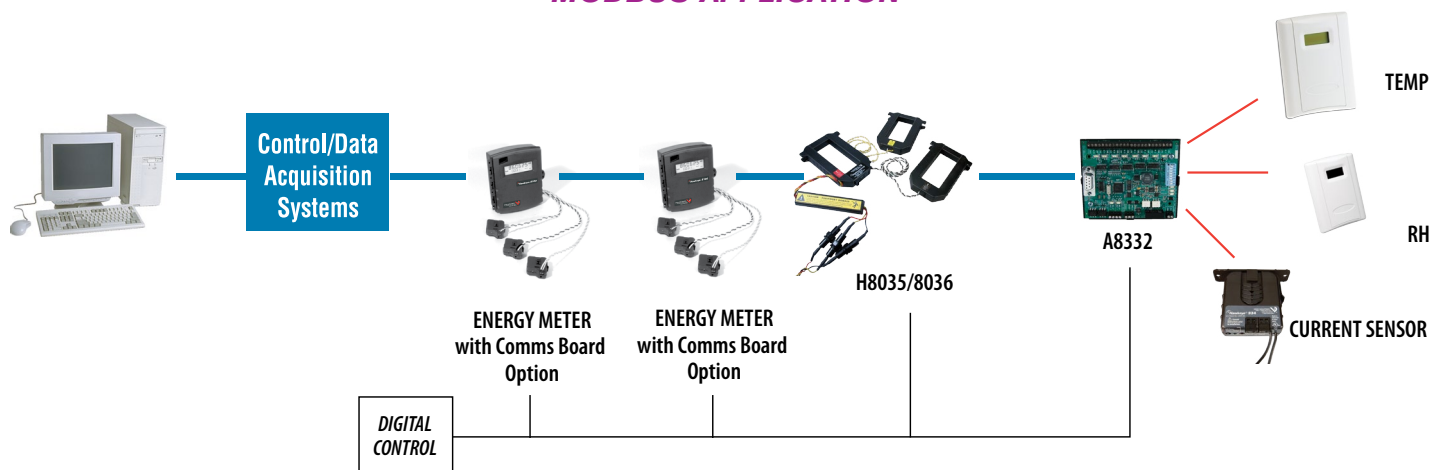
With the optional **H81xx Communications Board**, the H81xx Series energy meters connect easily to control/data systems networks using Modbus, BACnet, and Metasys (N2) protocols. The H81xx-CB reports energy and power diagnostic information including kW, kWh, kVAR, PF, amps, volts, and more.

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.

#### APPLICATIONS

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

## MODBUS APPLICATION



## 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.



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 Gateway (H8920)



U013-0012



U013-0013



U013-0015



H8920 Series