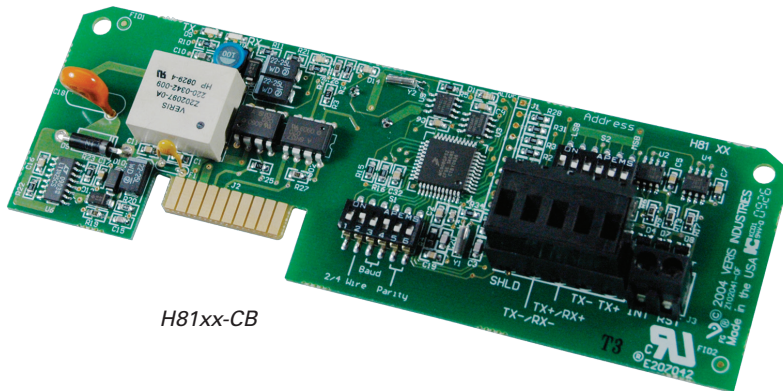# Communications Boards for H81xx Series Energy Meters

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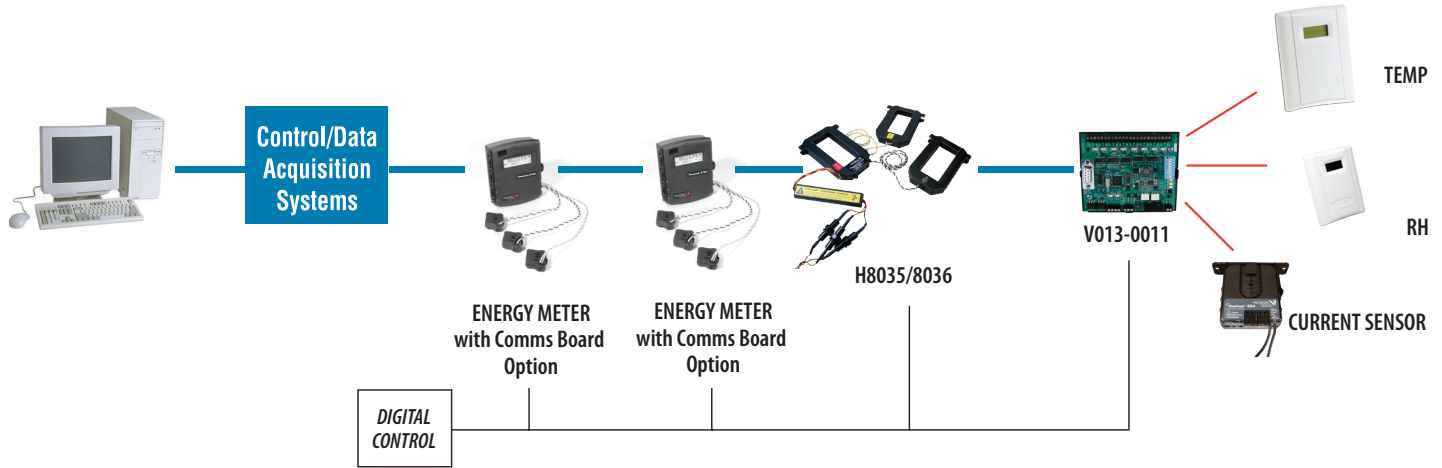
The H81xx-CB is easy to install in the field. On-board switches provide a convenient means of setting network configuration parameters such as parity, baud rate, and network wiring (2-wire or 4-wire).* Status LEDs provide quick confirmation of successful installation.

* 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

VERIS INDUSTRIES

MODBUS APPLICATION

Control/Data Acquisition Systems

ENERGY METER with Comms Board Option

ENERGY METER with Comms Board Option

H8035/8036

V013-0011

TEMP

RH

CURRENT SENSOR

DIGITAL CONTROL

ORDERING INFORMATION

C ®**UL** US   UL 3111-1
E207042

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 OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

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

H8920 Series