

EnerSure® Bus

Busway Power Meter

THE GOLD STANDARD FOR BUS TAP ENERGY MONITORING



Accurate:

The EnerSure® Bus is built on the world leading EnerSure® technology, which ensures true utility-grade accuracy. Each EnerSure® Bus unit can monitor either 4 or 8 circuits with its exclusive power meter on-a-chip technology. You get full utility-grade data for amps, volts, power factor, kW, and kWh.



Flexible:

The EnerSure® Bus unit supports standard CT sizes from 75 to 4000 amps. It also supports 120/208 and 277/480 busway systems. Up to thirty 4 circuit tap units and fifteen 8 circuit tap units can be connected in a single chain, or these can be mixed for a total of 120 circuits.

Full Ethernet

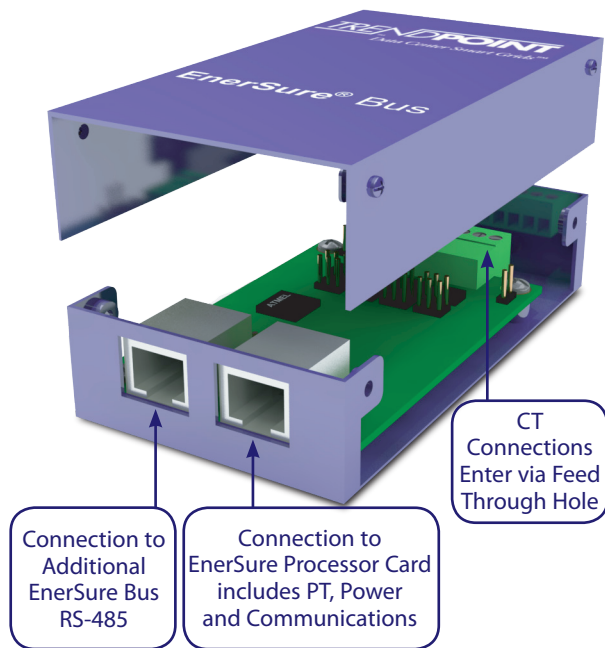
EnerSure® Bus is the only product that provides all standard forms of data connectivity without the need for gateways or additional hardware. The open protocols allow EnerSure® Bus to be easily integrated into any monitoring and management system. Multiple sessions are supported for use with multiple software systems.

Data Logging and Event Logging

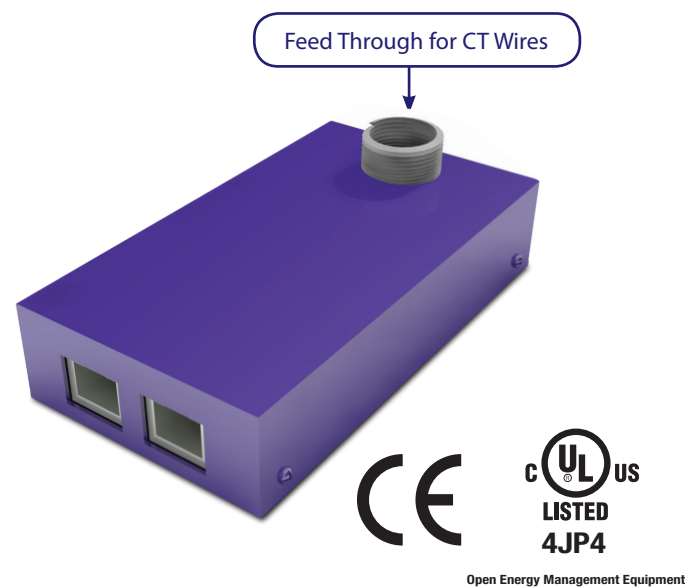
The 9 onboard data logs can record 120 data points each with intervals as fast as 30 seconds. Using a standard microSD card, users can record thousands of time-stamped data points. The data logs can be downloaded as a .CSV file or delivered using Modbus TCP and BACnet/IP protocols. The onboard event logs record alarm indications for sequence of events correlation.

EnerSure® Bus Module 4 or 8 Circuit Metering Unit

Front Top View



Front Bottom View



Safe:

There is absolutely NO Hot Power onboard EnerSure®. It is the only unit that can comply with NFPA70e. All other units on the market bring hot power directly to their board. Therefore, any changes to the board must be made with protective clothing, gear and safety inspections as required by NFPA70e.

DIMENSIONS - 4 CIRCUIT METERING UNIT

Length	Width	Height	Feed Through
4.25 in	2.313 in	0.938 in	1.0 in
107.95 mm	58.75 mm	23.83 mm	19.05 mm

DIMENSIONS - 8 CIRCUIT METERING UNIT

Length	Width	Height	Feed Through
5.734 in	2.344 in	1.45 in	1.0 in
145.81 mm	59.50 mm	36.82 mm	19.05 mm

ACCURACY FOR EACH CIRCUIT – ANSI C12.1 and IEC 62053-21 Compliant

Energy Accuracy	±1%, 1-100% of Scale	Amperage Accuracy	±.5%, 1-100% of Scale
Power Accuracy	±1%, 1-100% of Scale	Power Factor Accuracy	±1%, 1-100% of Scale
Voltage Accuracy	±1%, 1-100% of Scale	Frequency	50-60HZ

COMMUNICATIONS

Ethernet	Modbus TCP, SNMP, and BACnetIP
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