

Liebert® SiteTPI-1™

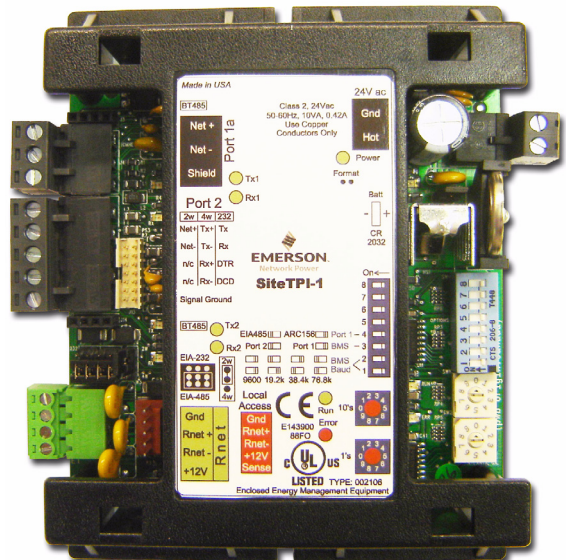
Product Specification/Installation Sheet

The Liebert SiteTPI-1 is an ARCnet-ready device intended to interface specifically with a Liebert SiteScan® Web system.

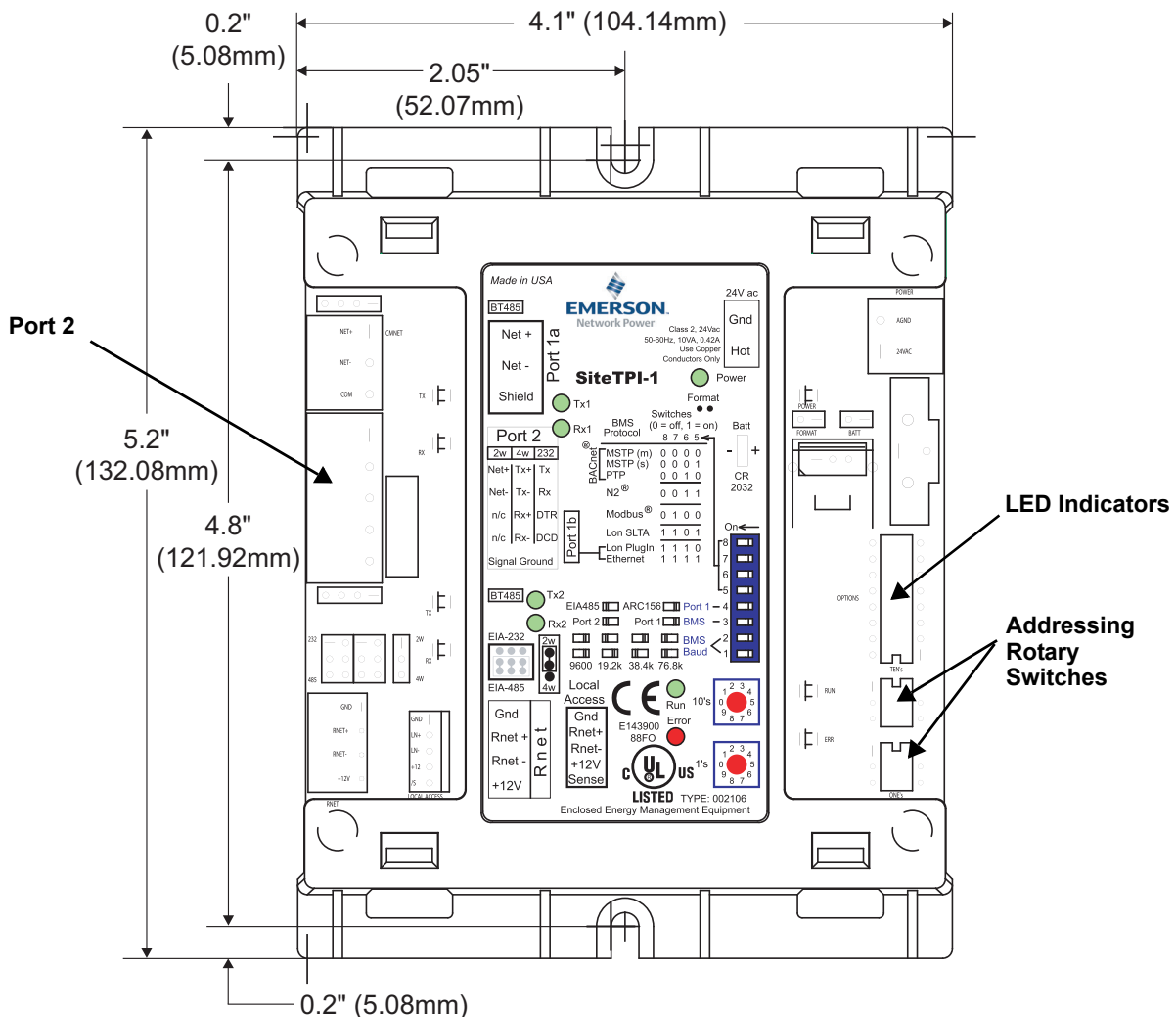
It is a 32-bit microprocessor-based device designed to monitor third-party equipment via an EIA-485/232 interface.

Logically, the device sits on the ARCnet network, providing the interface to Liebert SiteScan Web. The Liebert SiteTPI-1 converts proprietary equipment data into open protocol data, enabling a single piece of equipment to reside on a BACnet or Modbus network where it can be monitored or controlled by a Critical Management System.

Screw terminal blocks are provided to terminate power, communication and input signal wiring.



Module Dimensions and Layout



Power Wiring



CAUTION

The Liebert SiteTPI-1 is a Class 2 device (less than 30VAC, 100VA maximum). Take appropriate isolation measures when mounting the Liebert SiteTPI-1 in a control panel where non-Class 2 devices (for example, 120VAC) or wiring are present.

Mounting

Screw the Liebert SiteTPI-1 into an enclosed panel using the mounting holes provided on the cover plate. Be sure to leave about 2" (50mm) on each side for wiring.

Specifications

Power	24VAC \pm 15%, 50-60Hz, 20VA power consumption (single Class 2 source only, 100VA or less)
Dimensions, W x D x H: in. (mm)	4.1 x 1-1/2 x 5.2 (104.14 x 38.1 x 132.08)
Memory	1 MB Flash, 2 MB RAM
Communication	
Ports	One 2-wire EIA-485 port
	One jumper-configurable EIA-232/EIA-485 (2-wire/4-wire) port
	One Rnet port (EIA- 485, 115.2k bps) for communication with a BACview, RS sensors, or WebCTRL
Baud rates (protocol dependent)	BACnet MS/TP = 9600, 19.2k, 38.4k, and 76.8k
	Modbus = 9600, 19.2k, and 38.4k
	Rnet = 115.2k
Environmental Operating Range	-22° to 150°F (-30-65.5°C); 10 to 95% relative humidity, noncondensing.
	For UUKL Smoke Control Systems, 32°F-120.2°F (0°C-49°C); 10-85% relative humidity, non-condensing
Protection	Built-in surge and transient protection circuitry
Battery	Lithium 3V coin cell battery, CR2032, provides a minimum of 10,000 hours of data retention during power failures
Fault Detection	Hardware watchdog timer
Memory	1MB Flash memory and 1MB non-volatile battery-backed RAM (does not lose information that was stored before a power failure)
Regulatory Compliance	
Listed	FCC Part 15 - Subpart B - Class A
Pending at Publication	UL 916 (PAZX), cUL C22.2 No. 205-M1983 (PAZX7), CE (1997)

Ordering Information

Quantity	Part #	Description
	SiteTPI-1	One-to-One Third-Party Interface Module

Liebert Corporation

1050 Dearborn Drive
P.O. Box 29186
Columbus, OH 43229

Telephone: 1-800-877-9222
Facsimile: 1-614-841-6022
www.liebert.com



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SL-28110_REV01_09-08

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