Owner's Manual

EnviroSense2 (E2) Environmental Sensor Module

Este manual esta disponible en español en la página de Tripp Lite: tripplite.com

Ce manuel est disponible en français sur le site Web de Tripp Lite : tripplite.com

Русскоязычная версия настоящего руководства представлена на веб-сайте компании Tripp Lite по адресу: tripplite.com

Overview

- Three E2 models are available to monitor temperature, humidity, contact closures or to actuate contact closures. For use with Tripp Lite LX Platform devices.

- When temperature and humidity values exceed user-set limits or monitored contacts change state, the event is recorded in the event log of the LX Platform device's PowerAlert® Device Manager interface.

- Up to three E2 modules can be daisy-chained together.

Installation

E2 sensor modules are compatible with LX Platform devices including: WEBCARDLX, WEBCARDLXMINI, PDU3E-Series PDUs, PDU3XE-Series PDUs and Single-phase PDUs with slotted or integrated "LX" interfaces.
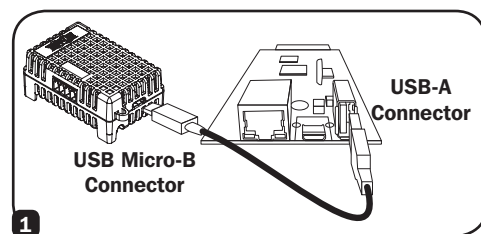
MODEL NAME	TEMPERATURE	HUMIDITY	DIGITAL IN	DIGITAL OUT
E2MT	X			
E2MTDO	X			X
E2MTHDI	X	X	X	

Connecting the E2 Module to an LX Platform Device:

1 Using the included USB cable, plug the USB-A connector into the LX Platform device's USB-A receptacle (refer to the device documentation to find the appropriate port). Then plug the cable's USB Micro-B connector into the E2 module's USB Micro-B port.
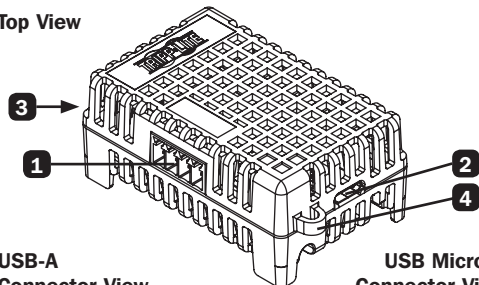
Note: Up to three E2 modules can be daisy-chained together by connecting the USB-A port of the first module to the USB Micro-B port of the second, then connecting the USB-A port to the USB Micro-B port of the third module. The module will perform optimally in a properly ventilated environment.

2 The E2 module will appear as 'SensorXXXX' in the PowerAlert Device Manager, where XXXX are the last four digits of the E2's serial number. To view the E2, go to Overview and select the module from the Device dropdown menu.
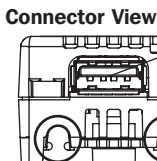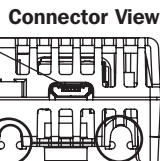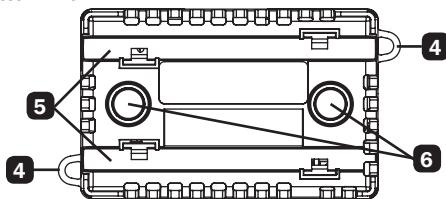
Feature Identification

Top View

USB-A Connector View

USB Micro-B Connector View

Bottom View

1 **Terminal Block Connector (included with all modules except E2MT):** See below for details.

2 **USB Micro-B Connector:** Connects to an LX Platform device or another E2 module in the chain.

3 **USB-A Connector:** Connects to another E2 module.

4 **Retention Harness:** Use a cable tie (if applicable, not included) to secure the E2 module or USB cable connections.

5 **Cable Management Channels:** Help secure the USB cables by routing them through these channels.

6 **Magnets:** Enable simple installation or re-positioning on a metal rack or other metallic surface.

Contact Closure Connections:

Digital Inputs (E2MTHDI):
Only dry contact open/closed connections are allowed. The input requires an isolated dry contact. Typical voltage: 5VDC; typical current: 18mADC.
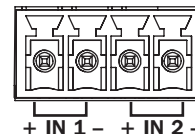
Digital Outputs (E2MTDO):
Maximum voltage across dry contacts: 48VDC/30VAC; maximum current rating: 400mA.

Pin assignments can be found in the table below.

Note: The E2MTDO supports digital outputs in place of inputs.
The pin assignments are the same, with outputs in place of inputs.

Contact Closure Table (Pins are numbered from left to right)

Pin Number	Description	Normally Open/Closed
1	Contact 1	Normally open
2		
3	Contact 2	Normally open
4		

+ IN 1 −   + IN 2 −

Warranty and Product Registration

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