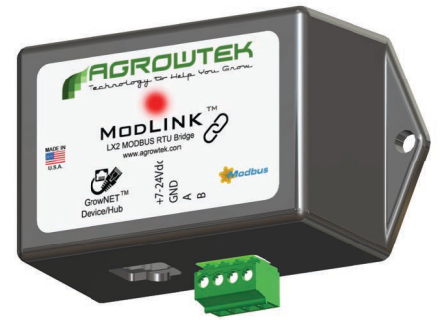


LX2 ModLINK™ connects Agrowtek's intelligent sensors, peristaltic dosing pumps, and control relays equipped with a GrowNET™ RJ45 port to a standard RS-485 serial bus for use with the MODBUS RTU protocol. ModLINK is an MCU-buffered bridge between Agrowtek's high-speed, full duplex devices connected with RJ45 cables, to a terminal block for integration with PLC systems. 15kV ESD rated RS485 terminals with 70V fault protection to protect against wiring errors and short circuits. LED indicates successful boot and message transmissions. HX8 buffered device hubs can be daisy chained to the LX2 ModLINK™ to connect as many as 247 devices using standard MODBUS addressing. LX1 USB link is required to change default serial connection settings, or order pre-configured to a specific format and baud rate.



Made in USA. Available with DIN rail mounting kit.



Made in
USA



Industrial
MODBUS RTU



Digital Signal
Buffering



DIN Rail
Kit Available



1-Year
Warranty

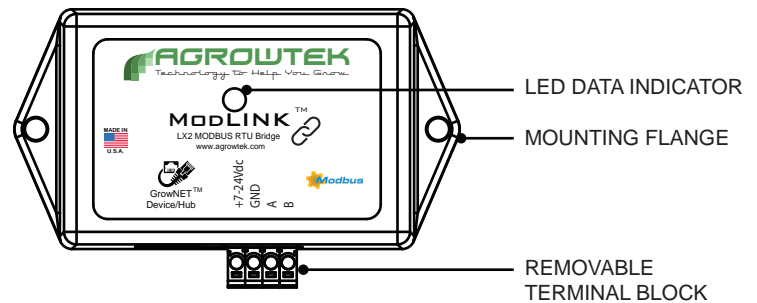
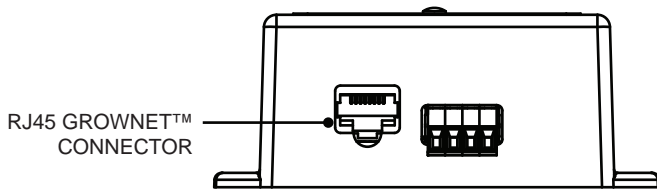
Specifications

Power Supply: 7 - 24 Vdc

Default Connection: 19,200 Baud, 8-N-1

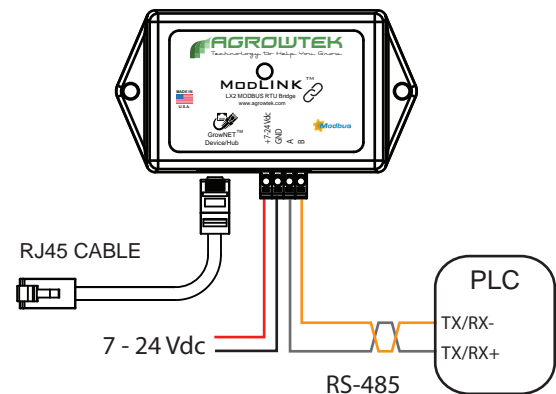
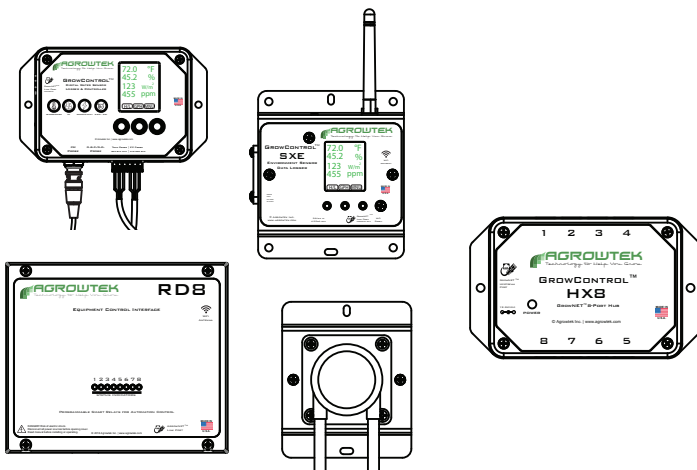
Programmable with LX1: 9,600 - 115,200 Baud

Message Buffer Memory: 2048 Bytes



Connection Diagram

GrowNET™ Devices

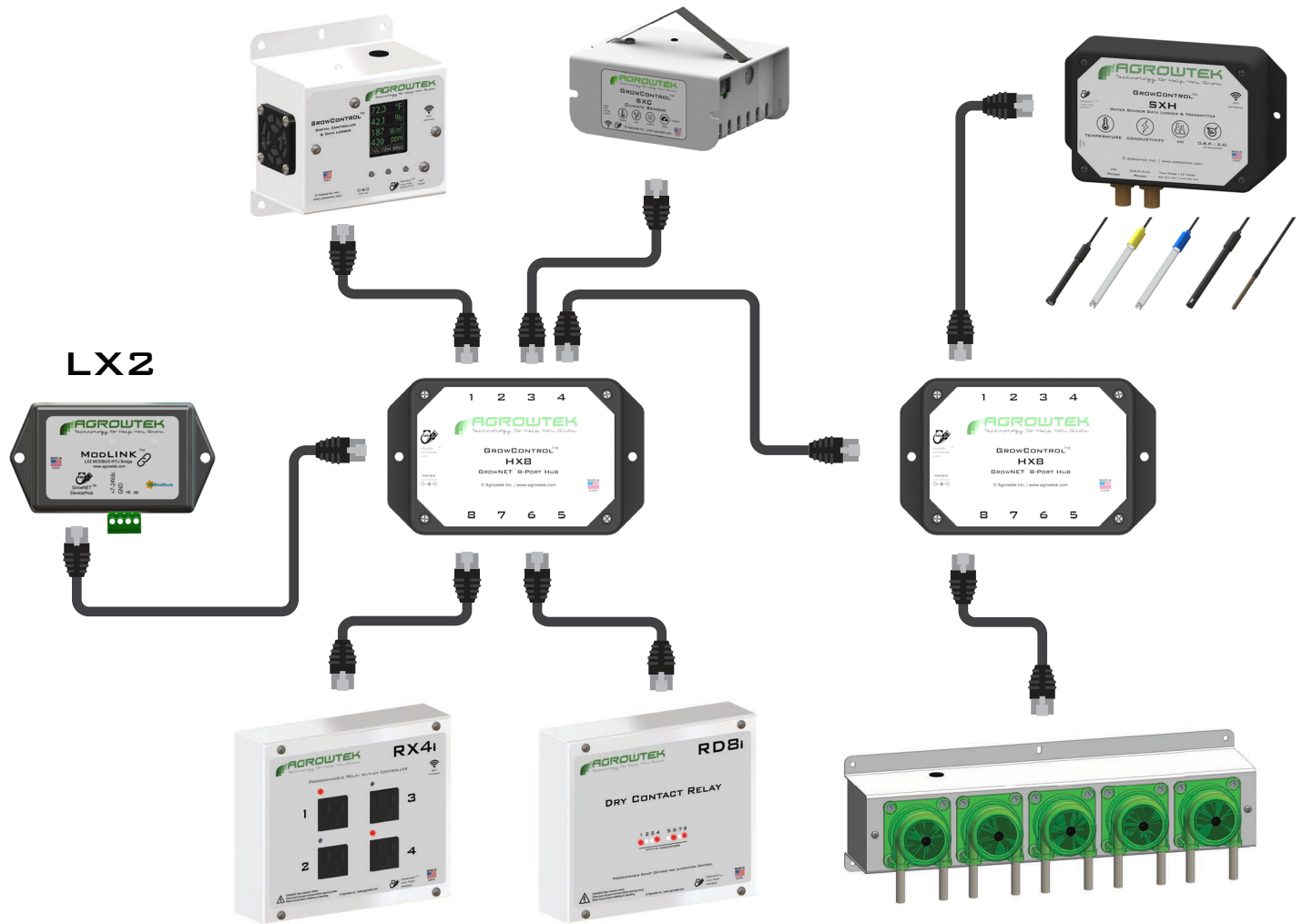


3.3/5Vdc Serial Bus Compatible.
Include required bus terminating resistors per EIA standard.

LX2

ModLINK™ RS-485 Interface

Installation Example



Ordering Options

LX2 - 192 - 8 - N - 1 (default)

192: 9.6kBaud
 192: 19.2kBaud
 384: 38.4kBaud
 1152: 115.2kBaud

8: Stop Bits
 N: Parity
 1: Data Bits

ModLINK™ May be ordered with customized connection pre-configured, or use LX1 USB link to configure with free PC program.

Optional Accessories



LX1
USB AgrowLINK™
GrowNET™ Bridge

HX8
GrowNET™
8-Port Hub