

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 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



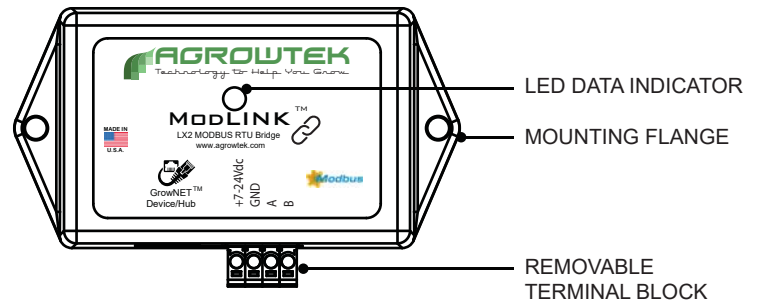
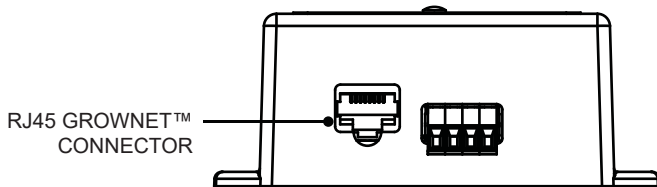
1-Year Warranty

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

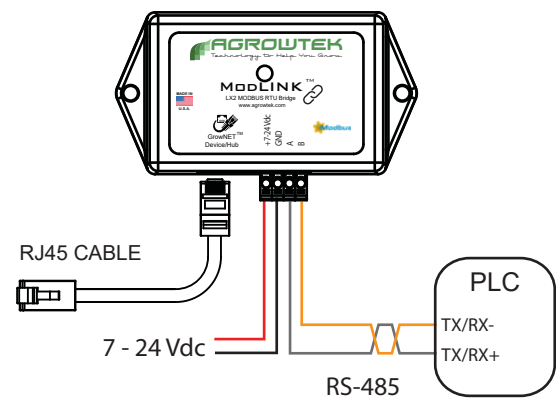
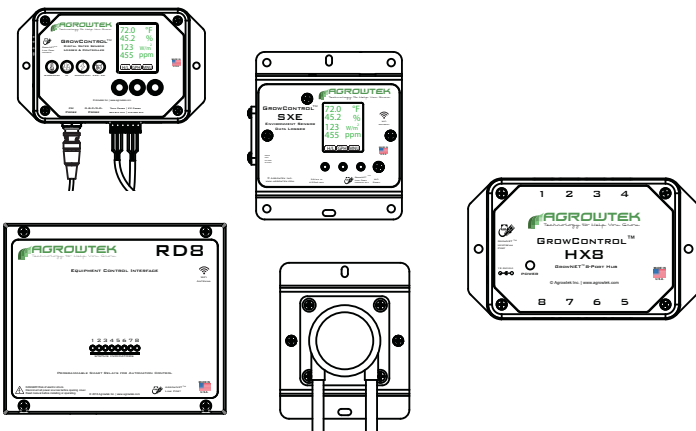


Electrical Process Control Equipment
 File No.: E516807



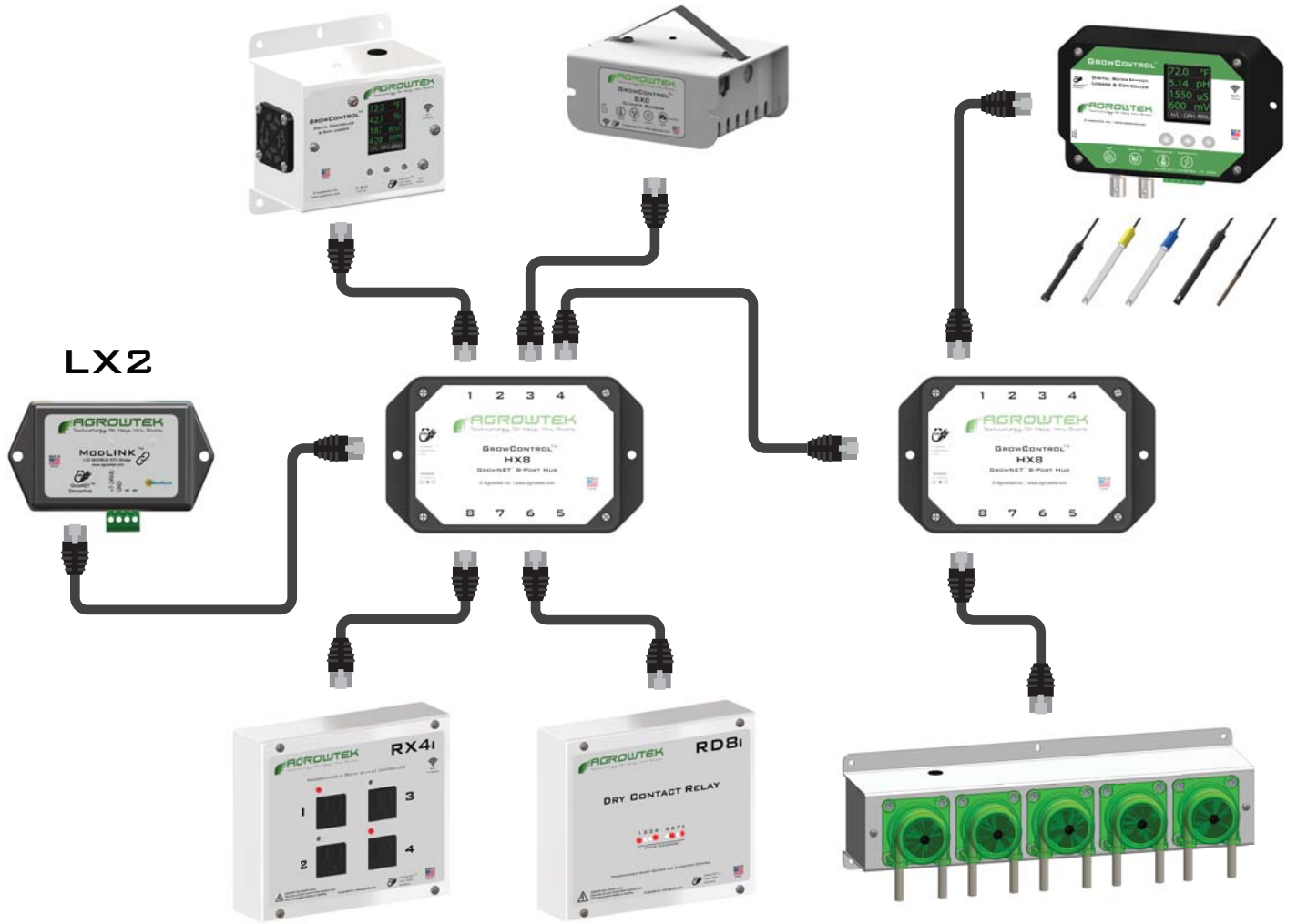
Connection Diagram

GrowNET™ Devices



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

Installation Example



Ordering Options

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

192	8	N	1	
				Stop Bits
				Parity
				Data Bits

96: 9.6kBaud
 192: 19.2kBaud
 384: 38.4kBaud
 1152: 115.2kBaud

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