



LX Networked
Lighting
Controls



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

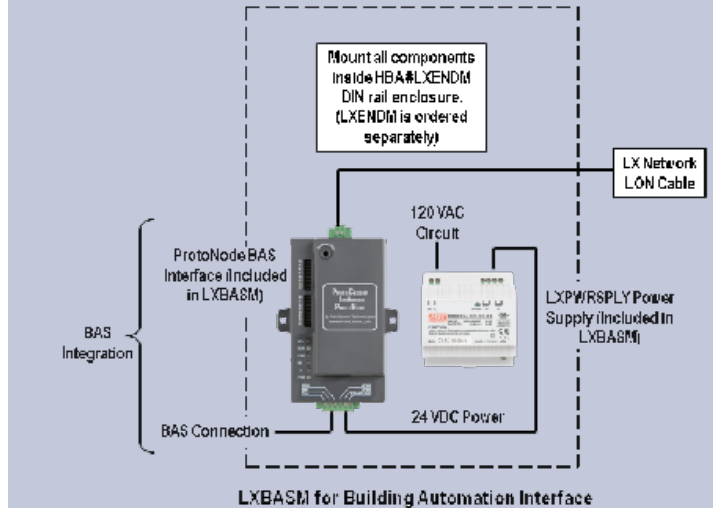
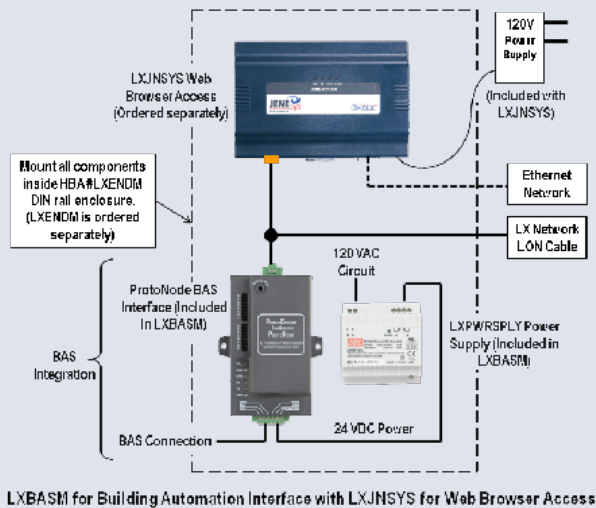
The Hubbell Controls ProtoNode is an external, high performance, low cost Building Automation multi-protocol gateway for providing control and access to LX Network Lighting Control Panel system. The device provides protocol translation between LX systems and BAS/BMS services using BACnet®, Metasys® N2 by JCI, and Modbus.

ProtoNode is designed to be used in facilities that need to quickly and easily enable their LX Lighting Control Panels and Devices to interface with other protocols. The ProtoNode device is pre-configured with LX system protocol interface and allows the user to field select BAS system protocols including Modbus RTU, Modbus TCP, BACnet/IP, BACnet MS/TP or JCI Metasys N2OPEN.

PRODUCT FEATURES

- Web browser based integration programming
- Device is field selectable for specific BAS protocol
- Sophisticated user account/password manager
- Integrates LX lighting control systems and Building Automation Systems (BAS)
- Supports BACnet®, Metasys® N2 by JCI, Modbus™ and LonWorks® protocols
- Automatically generates all required control points and documentation for integration with the selected protocol
- Five-year limited warranty





General Specifications

Supported Serial (RS-485) Protocols	BACnet MS/TP Modbus RTU
Supported Ethernet Protocols	BACnet IP Modbus TCP/IP JCI Metasys® N2OPEN
Supported Electrical Connections	(1) 6 pin Phoenix Connector (1) RS-485 +/- Ground port Power +/- Frame Ground port (1) Ethernet -10/100 Ethernet port (1) FTT-10 LonWorks® port (LonWorks® Version)
Power Requirements	9-30 VDC or 12-24VAC Current draw @ 12V = 240 mA
Operating environment	Indoor use only -40°C to 75°C (-40°F to 167°F) Relative humidity (non-condensing): 5% to 90%
Dimensions	4.52 x 3.25 x 1.60 inches (LxWxH) / (11.49 x 8.25 x 4.06 cm)
Approvals	BACnet Testing Labs (BTL) B-ASC LonMark 3.4 Certified TUV approved to UL 916 standard and CSA C22-2 RoHS Compliant OPC Self Certified to Compliance CE Mark
Warranty	Five-year limited

Ordering Information

LXBASM	
MODEL	
LXBASM	LX Building Automation Interface, Universal Control with Power Supply

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LonWorks® is a registered trademark of Echelon Corp.
BACnet® is a registered trademark of ASHRAE