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) FT-T 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
  - TÜV approved to UL 916 standard and CSA C22-2
  - RoHS Compliant
  - OPC Self Certified to Compliance
  - CE Mark

- **Warranty**
  - Five-year limited

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**Ordering Information**

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<th>Model</th>
<th>Description</th>
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<tr>
<td>LXBASM</td>
<td>LX Building Automation Interface, Universal Control with Power Supply</td>
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**LonWorks®** is a registered trademark of Echelon Corp.

**BACnet®** is a registered trademark of ASHRAE