



LX Router/Repeater Module - LXRRM Installation and Operating Instructions

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Overview

This document provides instructions for installing, connecting, and configuring the LX Router/Repeater Module.

Precautions

- Read and understand all instructions before beginning installation.
- For installation by a licensed electrician in accordance with National and/or local Electrical Codes and the following instructions.
- Do not install or service unit with power applied. This may result in damage to unit and void of warranty.
- Use only approved materials and components as appropriate for installation.
- For indoor use only.
- NOTICE: Do not install unit if any damage to product is noticed.

Installation

1. Prepare the installation site as necessary. Rough-in and route power supply and LON network leads to the installation site.
2. If installing the unit on DIN Rail, install DIN Rail (35mm x 7.5mm or 35mm x 15mm) at the installation site. Each unit requires a 4.0 inch piece of DIN Rail. Snap the unit on to the DIN Rail.
3. If installing the unit using screw mounts, remove the module from the DIN Rail Bracket by unscrewing the faceplate screws and pulling the module out of the bracket. Secure the DIN Rail Bracket to the mounting surface with screws (4). Reinstall the module in the DIN Rail Bracket and reinstall faceplate screws.
4. With power turned off, attach the power supply leads and the network segments to the unit as per Table 1 below. Verify continuity on each network segment and on the power wiring.
5. Properly terminate each network segment with the appropriate number and type of terminator. Terminator(s) may be installed using screw terminals at end of network run(s).
6. Apply power to the unit and verify that the Power LED is lit.

Setup Configuration

The device is preconfigured as a repeater at the factory. No additional configuration is necessary.

Table 1 - LX repeater connections

Electrical Connections	Terminal #
Power (16-30V AC/DC)	8 & 9 or 6 & 7
Network Segment 1	1 & 2 or 3 & 4
Network Segment 2	17 & 18 or 15 & 16

Figure 1 - Router/Repeater

