

Installation Instructions

Synergy Legacy Dimmer Card



Overview

The legacy dimmer card allows Synergy controllers to control Lithonia Sequel, Sequel MiniPac and Maxstar dimmers. A maximum of 254 legacy dimmer outputs may be controlled by one legacy dimmer card. A maximum of 4 legacy dimmer cards may be installed per Synergy controller.

Important Configuration Information (See Figure 3)

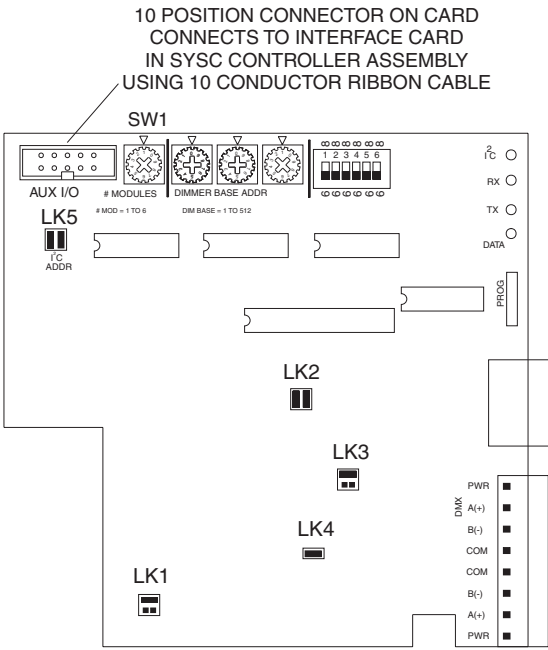
1. SPECIFY CONTROLLER TYPE (LK2)
Synergy SYSC MLS or SYSC MLX controllers will control up to 254 legacy dimmers. Jumper LK2 must be removed. (See Figure 1 for details)
Note:
MLX and MLS controllers must be operating with firmware version 2.61 or later.

Synergy SYSC MLC controllers will control up to 8 legacy dimmers. Jumper LK2 must be installed. (See Figure 1 for details)

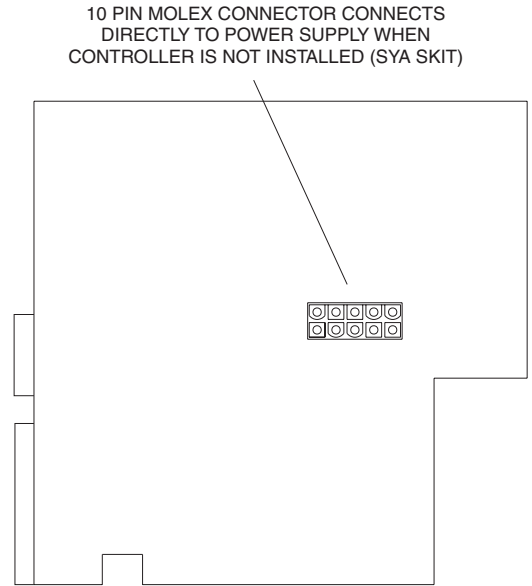
2. SPECIFY CARD ADDRESS (LK5)
Each legacy dimmer card must have a unique card address if multiple cards (max of 4) are installed in the same controller. (See Figure 1 for details)
3. SELECT LEGACY DIMMER SETTING (SW 1)
Rotate the dimmer type select switch to the appropriate setting. Set to "0" if you're controlling Sequel cabinets, set to "4" if you're controlling MiniPac or Maxstar modules.

Note:
If you're controlling both Sequel and MiniPac/Maxstar dimmers, consult factory for settings.

4. SET THE CONFIGURATION JUMPERS (LK1, LK3 & LK4)
LK1 - This jumper block determines whether 0, 12 or 24 VDC will be available at the "PWR" terminals.
LK3 - This jumper block determines dimmer "B2" network termination, and is based on its location in the network (middle or end).
LK4 - This jumper block grounds the shield of the dimmer network communication cable. Use if excessive network noise is present.



Legacy Dimmer Card Front View



Legacy Dimmer Card Rear View

Installation Instructions

Synergy Legacy Dimmer Card



SW 1: SELECT DIMMER TYPE
 SET TO "0" FOR SEQUEL DIMMERS
 SET TO "4" FOR MINIPAC & MAXSTAR

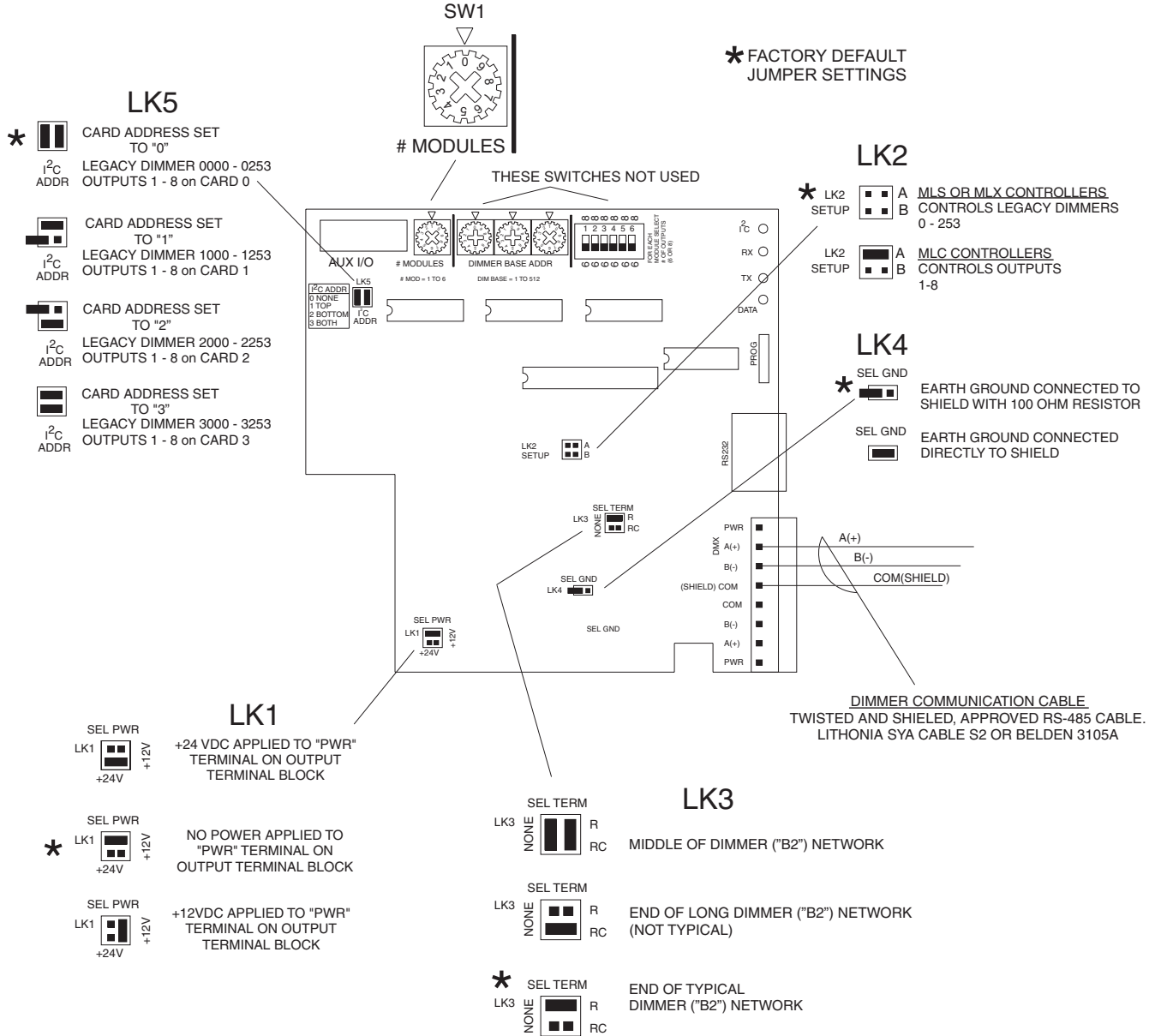


Figure 1 - Legacy Dimmer Card Jumper Settings

Installation Instructions

Synergy Legacy Dimmer Card

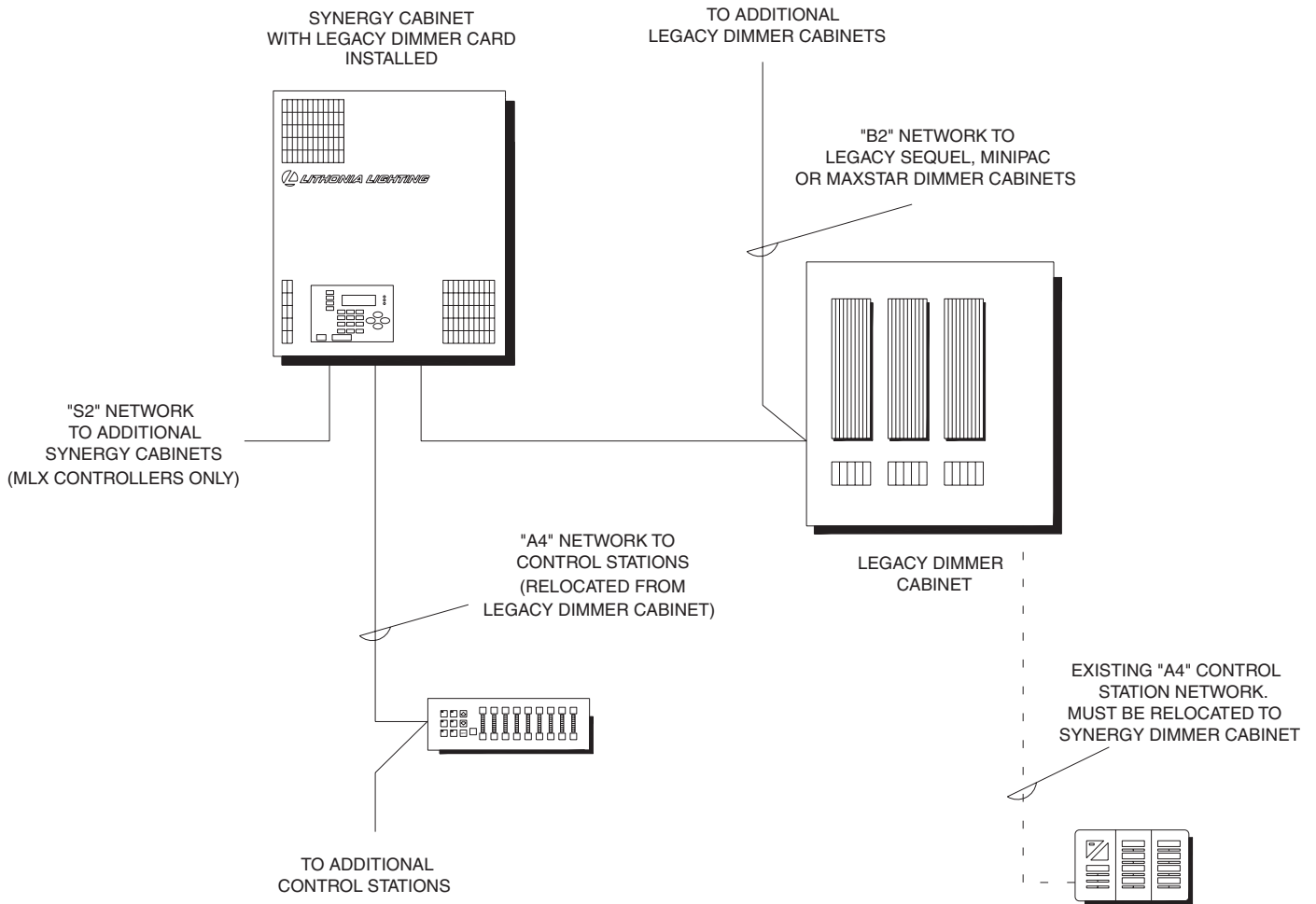


Figure 2 - Synergy & Legacy Cabinets One Line Diagram (Typical)