

# Installation Instructions

## LVKS LOCKING SWITCH

### Before You Start

1. Install in accordance with the National Electrical Code and any other codes which may apply.
2. Use only as intended.

### Important Wiring Notes

1. Switches are Class 2 devices. Install according to local standards and codes.
2. Do not install Class 2 and line voltage conductors in the same conduits or outlet boxes.
3. For runs up to 500 feet, #18 AWG conductors may be used. For runs up to 1200 feet use #16 AWG conductors.
4. Where excessive electrical noise is present use shielded cable.
5. Program switch input types as follows:  
For Synergy  
LVPS SPDT MOM - "Latching"  
LVPS HOA - "Maintained"  
LVPS SPDT - "Maintained"  
For SwitchPak  
LVPS SPDT MOM - "3-Wire Momentary"  
LVPS HOA - "Maintained"  
LVPS SPDT - "Maintained"
7. See Synergy Operation Manual for additional information about input programming.
8. Consult factory for connection to systems other than Synergy. Contact Synergy Lighting Controls technical service between 8:00 AM and 5:00 PM EST Mon-Fri at 800-533-2719.



### Installation

1. The LVKS installs in a standard Decora® wallplate. It can be multi-ganged in any Decora® multi-gang plate.
2. The keyswitch contains pigtails for device connections. See *Figure 1* for several example applications and their corresponding connections.

Visit Synergy Lighting Controls on the internet at <http://www.synergylightingcontrols.com> for further information on products, technical data or installation instructions.

### Warranty

Synergy Lighting Controls warrants all equipment to be free from defect in manufacturing under normal and proper storage, installation, and operation for a period of one (1) year. Our guarantee liability extends only to the repair or replacement of the defective part and no labor charges for correction of the defect by repair or replacement will be honored by Synergy Lighting Controls unless prior written authorization has been granted by our Customer Service Department.

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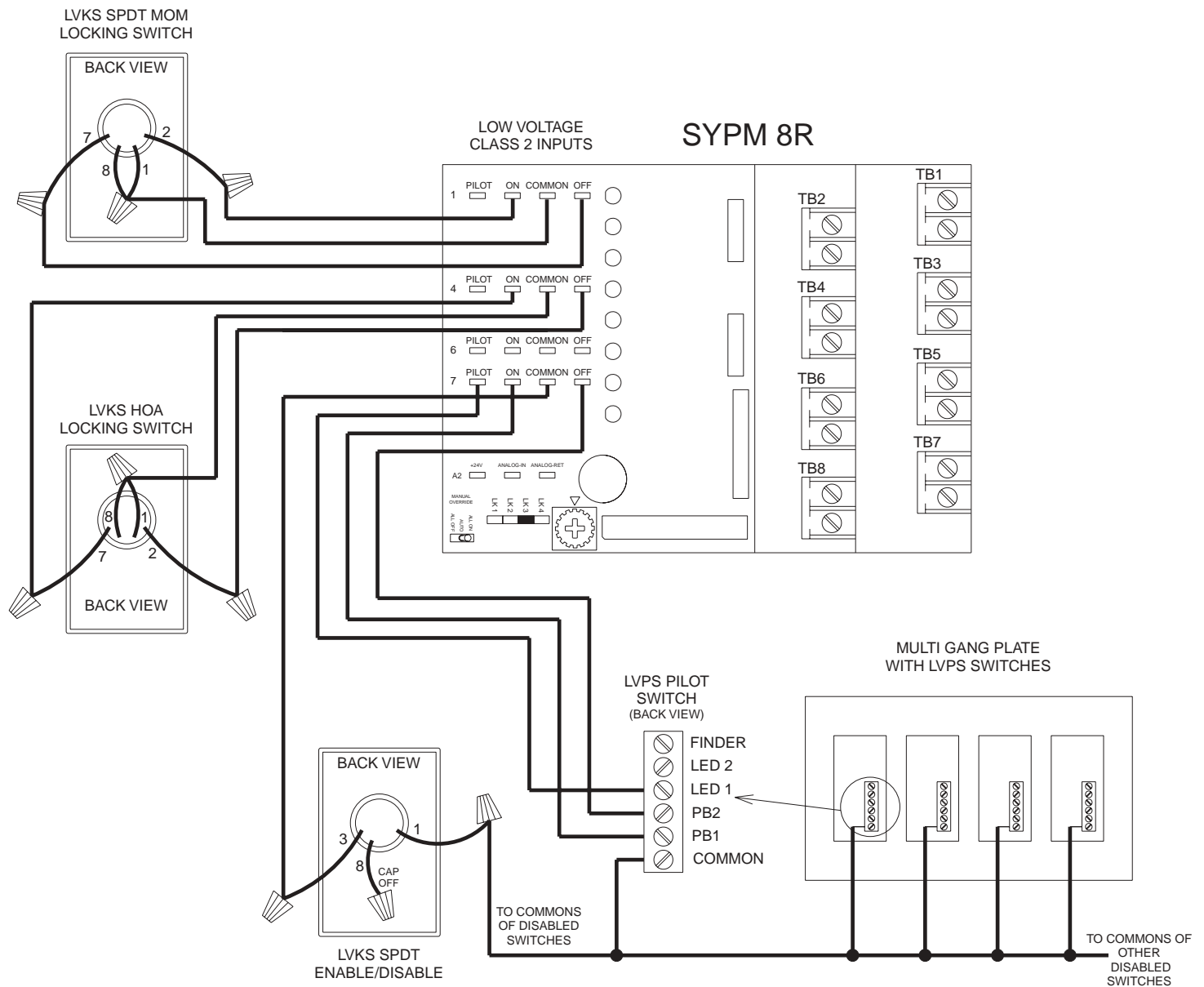


Figure 1 - LVKS Wiring Details