
	<h2 style="text-align: center;">Installation Guide</h2>
<p>E3T-R02-2INBP (24V) E3T-R12-2INBP (120V) E3T-R24-2INBP (240V) E3T-R27-2INBP (277V)</p>	<h3 style="text-align: center;">Switch Leg Transmitter</h3> 

## Overview

The Switch Leg Transmitter™ (SLT) replaces wires between a switch and an electrical load with an RF control signal. The SLT senses status of photocell, timer, or manual switch master circuit to control wireless slave receiver(s).

### Compatible Devices

- 3-Wire Relay; E3R-Rxx-3HOBP
- 5-Wire Relay; E3R-Rxx-5IBBP
- Plug-in Dimmer/Relay; E3R-D12GP-1
- Plug-in Relay; E3R-R12GP-1
- 4-Channel Low Voltage Receiver; E3R-MICFP-04
- Room Controller; E3X-MRCFP-xx
- Thermostat; E3X-T02-U2W
- More receivers available

### Components Included

The following items are included with this product:

- A -- (1) ILLUMRA Switch Leg Transmitter

### Tools Needed for Installation

- Pencil or ball point pen
- Wire nuts
- Electrical tape

## Installation

### CAUTION/NOTES:

- Always follow local electrical codes when installing this device. Installation should be performed by a qualified electrician.
- ILLUMRA SLTs are intended only for use indoors, in dry locations, and with permanently installed fixtures.
- ILLUMRA SLTs should NOT be installed in locations where the units will be in close proximity to light bulbs or other sources of heat, such as above a ceiling huggger fixture, particularly with higher wattage loads. (See "Operating Temperature" on specifications table.)
- For in-wall installation, a wiring box must be used. For ceiling installation make wire connections inside a junction box. Ensure that the temperature in the ceiling box will not exceed 50 degrees C (see specifications). For best wireless signal performance install receiver in plastic box away from floor and away from metal objects.

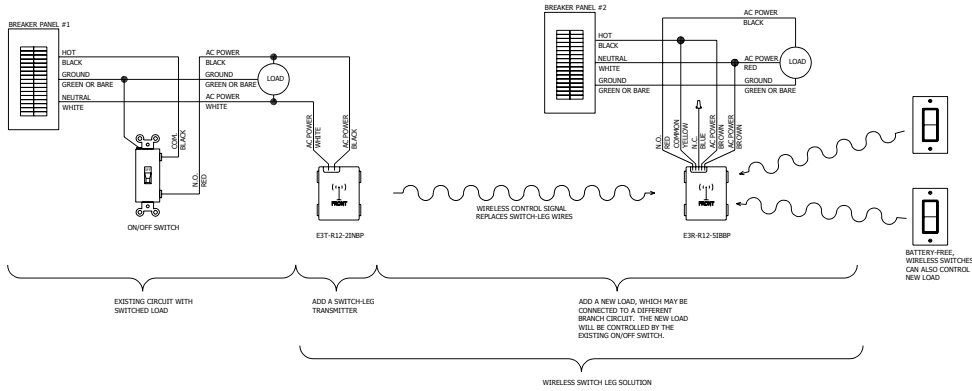
- Step 1: Read all installation steps for this option before taking any action to install SLT.
- Step 2: **It may be convenient to associate the SLT with all appropriate receivers prior to final installation.** Steps 3-9 explain how to associate an SLT with a receiver. Test the range of the SLT before final installation.
- Step 3: **Make sure the SLT is within 16 feet (5 meters) of the desired receiver when programming.** Receivers have reduced range during programming.
- Step 4: **WARNING:** To avoid risk of fire, shock, or death, TURN OFF POWER at circuit breaker or fuse and verify that it is OFF before installation begins. Make sure that it remains OFF until installation is complete.
- Step 5: Connect wires as shown in **Figure A**. Twist wire nuts on clockwise making sure no bare wires show. Wrap connections with electrical tape.
- Step 6: **Programming:** Restore power and **follow receiver programming instructions found in receiver installation guide.** For SLT installations, program the receiver using Rocker Mode.
- Step 7: To associate an SLT with a receiver, simply press the Teach button (labeled "TCH") on the SLT while the receiver is in the desired Learn Mode. (**See Figure B.**) This sends a signal containing the unique ID of the SLT to the receiver. The receiver memorizes the ID and knows to respond to the SLT in the future. (Do not press the Teach button on the SLT multiple times while the receiver is in Learn Mode or the SLT may be accidentally deleted from or added to the receiver's memory.)
- Step 8: **Activation:** Test SLT. Once a Switch Leg Transmitter has been associated with a receiver, whenever power is provided to or removed from the SLT, the SLT transmits a wireless signal to control the receiver. (If SLT is not working, review wiring and programming instructions for both the SLT and the receiver.)
- Step 9: Stow all wires and SLT in wiring box to complete installation.

## Specifications

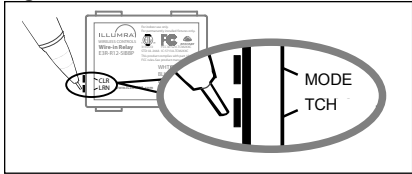
	E3T-R02-2INBP	E3T-R12-2INBP	E3T-R24-2INBP	E3T-R27-2INBP
<b>Range</b>	50-150 feet (typical)			
<b>Frequency</b>	315 MHz			
<b>Power Supply Input Rating</b>	24 VAC 50/60 Hz	120 VAC 50/60 Hz	240 VAC 50/60 Hz	277 VAC 50/60 Hz
<b>Operating Temperature</b>	14° to +122°F (-10° to +50°C)			
<b>Dimensions</b>	2.11 x 1.73 x 1.09 inches (54 x 44 x 28 mm)			
<b>Radio Certification</b>	FCC (United States) SZV-TCM2XXC I.C. (Canada) 5713A-TCM2XXC			
<b>Safety Approval</b>	ETL (United States) UL244A ETL (Canada) CSAc22.2#14-05			
<b>Addressing</b>	Factory set unique ID (1 of 4 billion)			

# Diagrams

**Figure A: Basic Installation of Switch Leg Transmitter**



**Figure B: Press Teach Button**



Contains FCC ID: SZV-TCM2XXC  
 Contains IC: 5713A-TCM2XXC



The enclosed device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (i.) this device may not cause harmful interference and (ii.) this device must accept any interference received, including interference that may cause undesired operation.

ETL (US) – Conforms to UL STD 244A. This device was tested according to and was found to comply with UL 244A Solid State Controls for Appliances.

ETL (Canada) – Certified to CAN/CSA STD C22.2 No. 14-05. This device was tested according to and was found to comply with CAN/CSA STD C22.2 No. 14-05.

Always follow local electrical codes when installing this device. Installation should be performed by a qualified electrician.

This device or certain aspects thereof is protected by at least one U.S. or international patent or has at least one such patent application pending.



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