UL924 using LVS 3-Phase EPC-THPH and SimplySnap Wireless Control

Note: Other fixtures fed from the Emergency Panel will be driven to the Emergency light level upon loss of the sensed normal power circuit. There will be other circuits that are not fed through the LVS 924 relay, all other lights fed on other Emergency circuits will be controlled to turn on via a EMERGENCY wireless command from the AIM121.

HOT — DIM10-087-06-XX
NORMAL or EMERGENCY LUMINAIRE
NEUTRAL

HOT — DIM10-087-06-XX
NORMAL or EMERGENCY LUMINAIRE
NEUTRAL

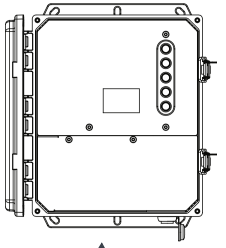
HOT — DIM10-087-06-XX
NORMAL or EMERGENCY LUMINAIRE
NEUTRAL

HOT — DIM10-087-06-XX
NORMAL or EMERGENCY LUMINAIRE
NEUTRAL

NOTE: The DIM10-087-06-XX can be replaced by any other Synapse Wireless Controller. See the cut sheet for wiring diagrams for the wireless controller.

EMERGENCY WIRELESS SIGNAL ALL LIGHTS ON WITH LOSS OF NORMAL POWER

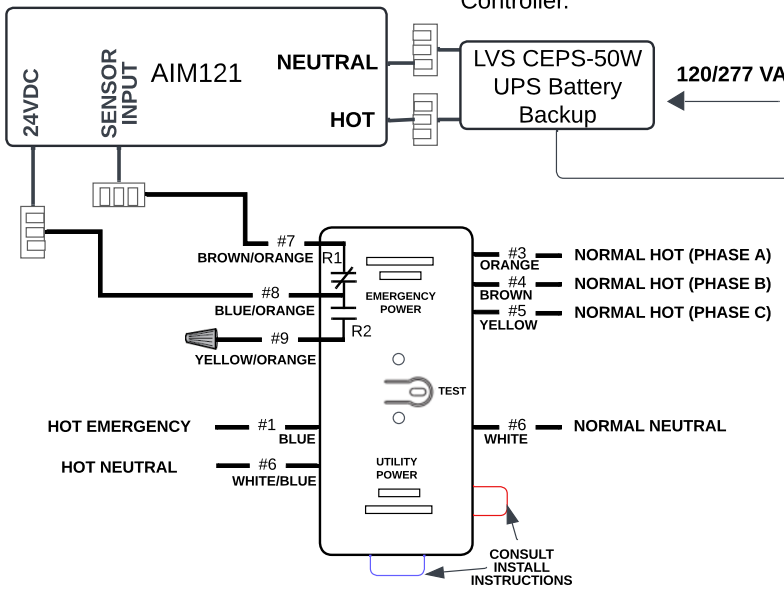
NORMAL WIRELESS ← Site Controller (Gateway) CBSSW-450-002

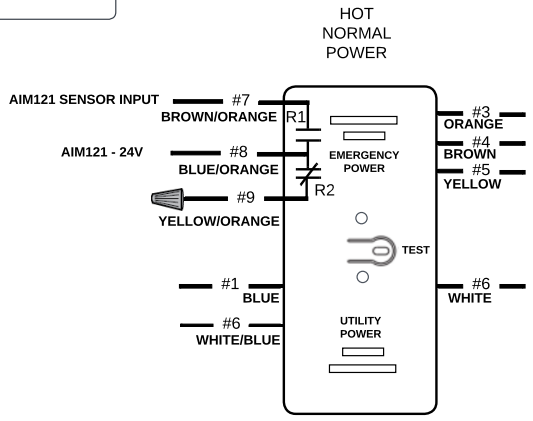


Note: The Gateway does not have to be on Battery Backup. The Gateway does not have to be powered during an emergency event. If possible connect the Gateway to the same UPS as shown. Nice to have.

EMERGENCY WIRELESS ←

Note: A Myers Illuminator CIII (OSHPD Rated) or Similar Backup System can provide power to AIM121 and Site Controller.





EMERGENCY STATE --> NORMAL POWER DISRUPTED
Relay 1 CLOSED CONNECTING LVS EPC-THPH PIN 7 AND PIN 8 SIGNALING ALL LIGHTS TURN ON 100%

NORMAL STATE --> NORMAL POWER
Relay 1 IS OPENED WHERE LVS EPC-THPH PIN 7 AND PIN 8 SIGNALING NORMAL OPERATION.

Name: UL924 3 Phase SimplySnap AIM121	Date: 07/09/2026	Drawn: DAVIDSON	Notes:	Synapse Wireless SYNAPSE
Project: SimplySNAP Emergency	Scale: NA	Rev: D		