

LINE DIAGRAM - GENERIC UL924 SPST DEVICE - (2-WIRE) SU5 & SR DRIVER(S)

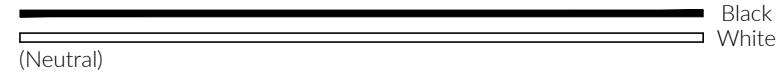
W-INTERNAL POWER SUPPLY UNIT (PSU)

UL924 Device	Brand	Line Voltage	Mount	①	②	SENSOR	CABLE TYPE
RRU-UNV	LVS	120-277	BOX/FIXTURE	YELLOW	BLUE	KIT-SU-5E-D	User supplied 18AWG - 2 Cond.
RRU-UNV-FM	LVS	120-277	FIXTURE	YELLOW	BLUE	SU-5S-2W-H	User supplied 18AWG - 2 Cond.
RRU-X-UNV	LVS	120-277	BOX/FIXTURE	YELLOW	BLUE	SU-5S-2W-LRW	Sensor includes 22" of cable*
RRU-X-UNV-FM	LVS	120-277	FIXTURE	YELLOW	BLUE	SU-5S-2W-HRW	Sensor includes 22" of cable*
EPC-2-D-FM	LVS	120-277	FIXTURE	YELLOW	VIOLET		
ESR2401D	FUNCTIONAL DEVICES	120	NIPPLE	YELLOW	BLUE		
ESR2402D	FUNCTIONAL DEVICES	208-277	NIPPLE	YELLOW	BLUE		
ESR01P	FUNCTIONAL DEVICES	120	NIPPLE	YELLOW	BLUE		
ESR02P	FUNCTIONAL DEVICES	208-277	NIPPLE	YELLOW	BLUE		
ESRLBCND	FUNCTIONAL DEVICES	120-277	FIXTURE	VIOLET	WHT/BRN		

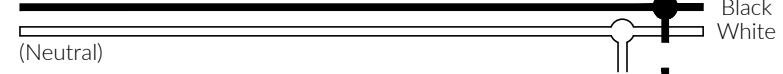
*NOTE: If more than 22" is needed , add user supplied 18AWG - 2 Cond. with suitable splicing device

ENLIGHTED SENSOR UNIT

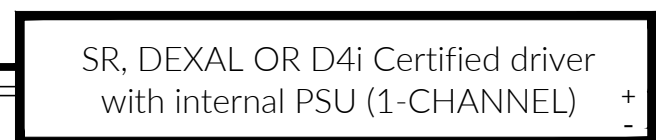
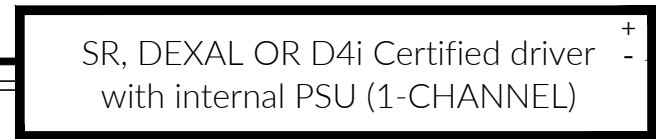
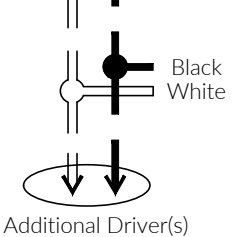
(Line)
NORMAL/EMERGENCY



(Line)
NORMAL

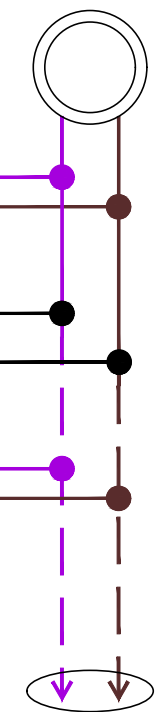


NOTE:
Install in accordance with National and Local Electrical Codes in compliance with AHJ requirements.



To Normal/Emergency LED's

To Normal LED's



NOTES:

1. The UL924 devices listed above are devices with at least one normally closed (NC) contact rated for low voltage use. The NC contact will close on loss of Normal power, causing the 2-wire bus to fault to (ϕV), disabling the sensor, which causes the energized Emergency driver(s) to go into "SYSTEM FAILURE" (Lights "ON" level).
2. Driver(s) powered from Normal power will be off during an Emergency condition.
3. Only one sensor may be connected to the 2-wire bus.
4. Up to 8 energy metering drivers can be connected to a single sensor, if only one PSU is enabled on the 2-wire bus. All other drivers must have the PSU turned off.
5. If multiple drivers are used, the driver manufactures' guidelines must be followed concerning maximum number of drivers and enabling of multiple PSUs.
6. The Enlighted sensor is not polarity sensitive, however when multiple drivers are connected to a sensor, the sensor wiring between drivers is polarity sensitive. Follow manufacturers' guidelines for identifying sensor wires and polarity (SR +/- or DA +/-).
7. Maximum total length of all conductors on the 2-wire bus should not exceed 500' of 18AWG wire. Using wire smaller than 18AWG is not recommended.
8. Cap off all used wires on the UL924 device.

enlighted
A Siemens Company
3979 Freedom Circle, Suite 210
Santa Clara, CA 95054
www.enlightedinc.com
650-964-1094

REV # 93-03131-07