

OVERVIEW

The XPoint Wireless Sensor Interface translates data between standard low-voltage wired devices to an XPoint Wireless system. This translation enables wall stations, contact closures, low voltage Sensor Switch® occupancy sensors, and low voltage photosensors to join an XPoint Wireless lighting control system.

The Sensor Interface incorporates the XPoint Wireless protocol, which is based on the open standard IEEE 802.15.4, providing fail-safe communication by forming a self-healing, adaptive mesh network that maintains connectivity, regardless of site conditions

FEATURES

- Suitable for mounting on an electrical junction box (J-Box)
- Non-volatile memory retains device settings during power outages
- Data transmission from wall stations, contact closures, low voltage Sensor Switch® occupancy sensors, and low voltage photosensors to XPoint Wireless System
- Two separately programmable inputs that support the following mode types:
 - Wallpod (on/off and raise/lower)
 - Local Preset
 - Global Preset
 - Global Profile
 - Local Occupancy
 - Local Photocell
- Detachable snap-lever terminal for rapid, tool-free connection to low-voltage wiring

Warranty

Five-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.



XPoint™ Wireless

XPoint™ Wireless Sensor Interface



This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.



ORDERING INFORMATION

System Type		Controller Type	
XPA	System Type	SIAC2 L2	Sensor Interface - 2 Input Channels for Low Voltage Sensing/ Wall stations

WIRING DIAGRAMS

WIRING TO WALL STATIONS (WALLPOD, PRESET, OR PROFILE MODE)

PRESET/PROFILE MODE:

Connect a momentary or maintained contact input to short Red (+24VDC) and Blue (Signal) for CH1 or CH2.

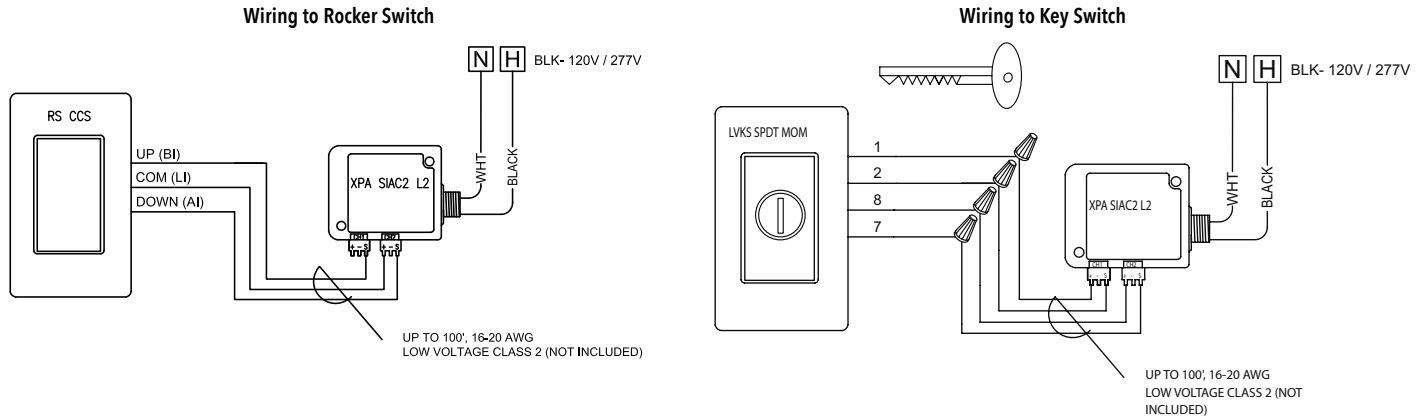
WALLPOD MODE:

Use a SPDT momentary contact, return-to-center wall station such as RS CCS or LVKS SPDT MOM.

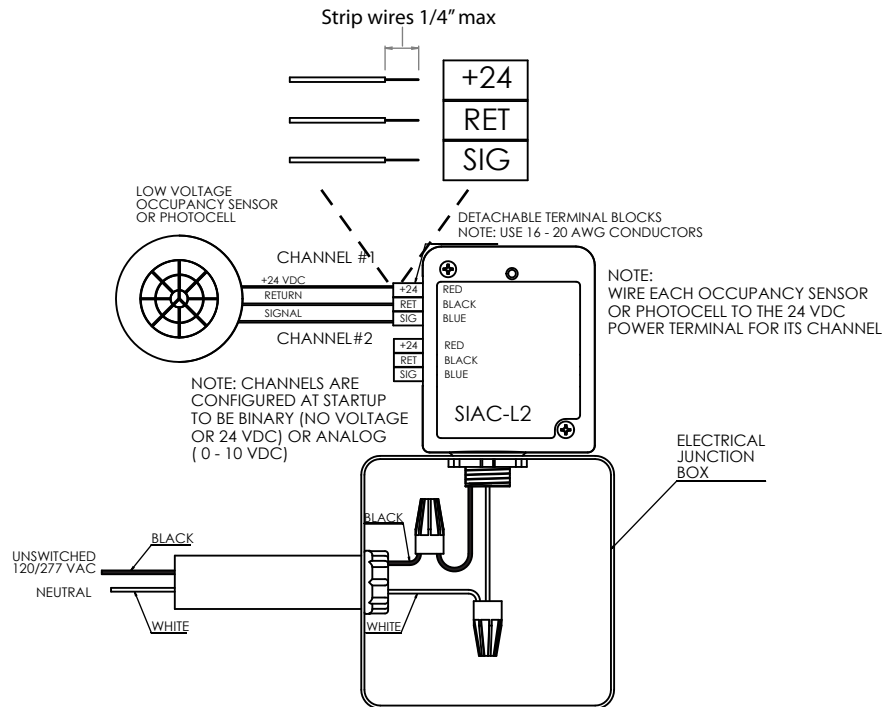
Connect XPA SIAC2 L2 Red (+24V) from either CH1 or CH2 to SPDT Common.

CH1 Blue = On (Quick Press & Release) / Increase Light Level (Hold & Release)

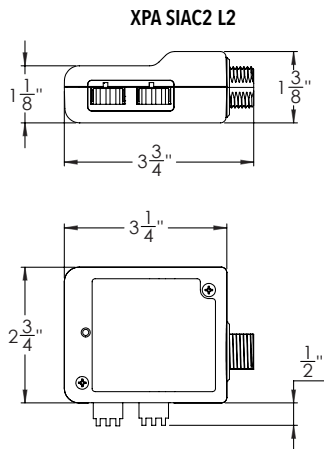
CH2 Blue = Off (Quick Press & Release) / Dim Light Level (Hold & Release)



WIRING TO SENSORS



DIMENSIONS



SPECIFICATIONS

Dimensions:	3.25" w x 2.75" h x 1.375" d
Color:	Gray
Mounting:	1/2" knockout (KO)
Wires:	8" 600 VAC plenum rated, 18 AWG conductors
Power supply inputs:	120-277 VAC
Sensor power supply:	50 mA @ 24 VDC per each input channel, class 2 rated
Sensor input channels:	0-30 VDC signal
Sensor input terminals:	16-20 AWG, solid or stranded
Memory:	Configurable programming stored in non-volatile memory
Wireless protocol:	Standards-based IEEE 802.15.4 (2.4GHz)
RF transmission output power:	+5 dBm
Ambient temperature:	-4 – 158° F (-20 – 70° C)
Location:	Indoor damp location
Certifications:	FCC ID: S4GEM358L IC: 8735A-EM358L
Listing:	UL and cUL listed