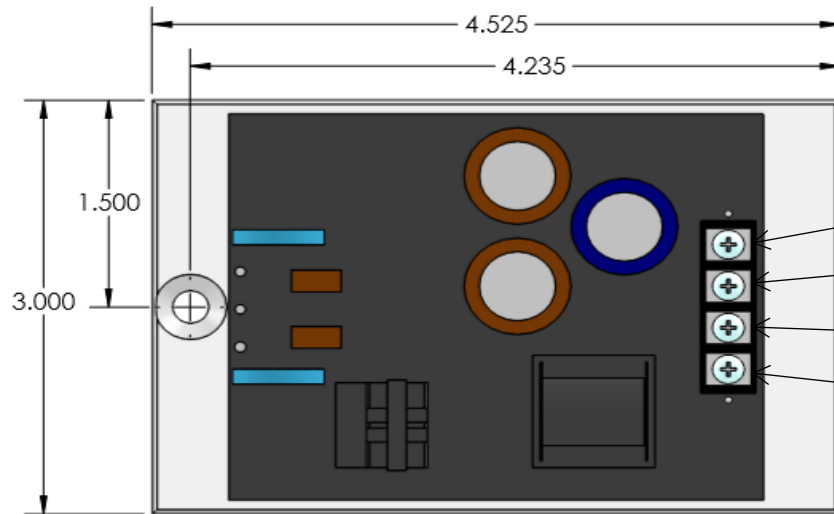




Signal Power Interface (SPI) for Independent APS Product Line

Campbell Company's Guardian requires this control unit in the pedestrian signal head to convert the 120 VAC WALK and DON'T WALK to low voltage DC Signals and DC power. Terminal screws include washers (clamping plates) intended for bare wire.



12 VDC Outputs

INPUT CONNECTIONS:

85 – 135 VAC & 220 VAC at 6VA Max, Walk, Don't Walk, AC Common, and Protective Ground, to the wiring inside a pedestrian signal head.

OUTPUT CONNECTIONS:

Four wires - Power (+12VDC), - GND, S2 Walk, S1 Don't Walk, connect from the SPI to a Guardian station terminal block. One SPI can operate one push button station. Hardware is included with the SPI to provide easy mounting inside most types of pedestrian signal heads. The SPI has surge protection and is encapsulated in UL 1446 rated epoxy resin for protection.



Product Ordering Information

501-0300 SPI

501-0301 SPI XC (Required if using Beacon with Guardian)

Test Type	Compliance
Temperature and Humidity	NEMA TS2
Transient Voltage Protection	NEMA TS2
Transient Suppression	IEC 61000-4-4, IEC 61000-4-5
Electronic Noise	FCC Title 47, Part 15, Class A & B
Mechanical Shock and Vibration	NEMA TS2
Electrical Reliability	NEMA TS4

Notes: Applicable sections only of reference standards