	PART No.	FEATURES	SPECIFICATION
	WP-PP20-2P-D 2-Pole 120/277Vac	<ul style="list-style-type: none"> • Works with Diversa 24Vac (low voltage) Occupancy and Vacancy Sensors and Diode Pulse relays • Converts line voltage to low voltage and switches the load • Mounts to a standard 1/2" knockout • Fits into a standard 4" octogan box • Each pole can be operated independently 	<p>Load Voltage</p> <ul style="list-style-type: none"> • 120/277Vac • 60Hz <p>Switching Load</p> <ul style="list-style-type: none"> • 120/277Vac • 2-Pole Independent Switching • See Table for contact rating • Use #14AWG Wire <p>Inputs</p> <ul style="list-style-type: none"> • Diode Pulse • #18AWG wire <p>Output Power Source</p> <ul style="list-style-type: none"> • 24Vac, 150mA • #14AWG wire <p>Approvals</p> <ul style="list-style-type: none"> • Certified to CAN/CSA Std. C22.2 No. 14 • Conforms to UL 508 Standard • FCC • Title 24 • Class 2 Power Supply • Plenum Rated UL2043 <p>Environment</p> <ul style="list-style-type: none"> • Indoors, stationary, non-vibrating, non-corrosive atmosphere and non-condensing humidity • Ambient Operating Temperature: 14°F to 140°F (-10°C to 60°C) • Storage Temperature: -14°F to 140°F (-25°C to 60°C)

Operation

The WP-PP20-2P-D Power Pack work in conjunction with the Diversa Low Voltage Sensors by providing power to the Sensors and receiving on/off commands from the Sensor.

Contact Load Rating

Voltage	Contact Rating			
	General	Tungsten	Standard Ballast	Electronic Ballast
120Vac	20A	20A	20A	16A
277Vac	20A	20A	20A	16A

All Power Packs provide a 24Vac secondary source for use with the Low Voltage Diversa Sensors and other Diode Pulse devices. All switches or loads required to be supported by the Sensor must be included in the loading capacity of the Power Pack.

Maximum Load Per Input

Voltage	Max # of linked sensors
24Vac	10

Typical Low Voltage Loads

Device	Part #	Current (mA)
Ceiling Mounted Sensor	WOR/WVR	9.5 mA Standard 14.0 mA w/ Aux Relay
Wall Switch Sensor	WOS/WVS	
Wall Mount Sensor	WOW/WVW	
Diode Pulse Switch	WR-8601	4mA

Installation

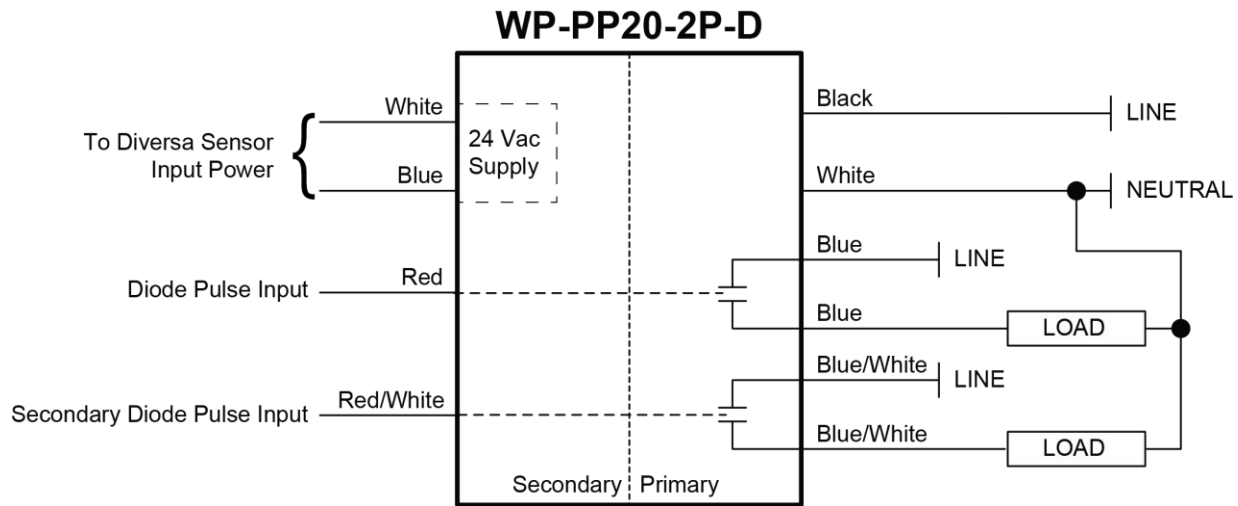
The Power Pack shall be mounted inside an electrical junction box or panel with a 1/2" threaded nipple.

Wiring Instructions

⚡ CAUTION ⚡
TURN POWER OFF AT THE CIRCUIT BREAKER BEFORE WORKING WITH OR NEAR HIGH VOLTAGE

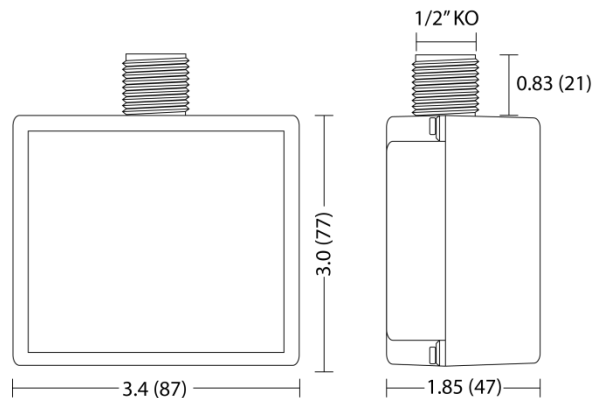
The Power Packs are equipped with #14AWG stranded leads. Use appropriate sized wire-nuts to connect the wires to the incoming load terminations. For installation with field-installed conductors of 60°C minimum rating.

Electrical Connections



Dimensions & Mounting – inches (mm)

The Power Pack shall be mounted inside an electrical junction box or panel with a 1/2" threaded nipple.



WP-PP20-2P-D

* Application and Performance Specification Information Subject to Change without Notification