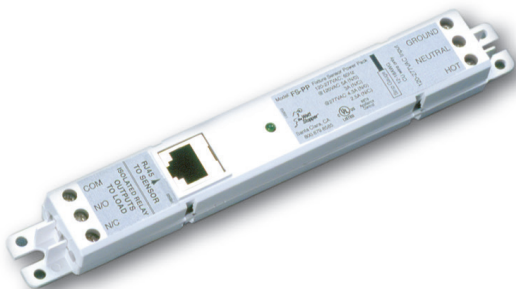


FIXTURE SENSOR POWER PACK

FS-PP



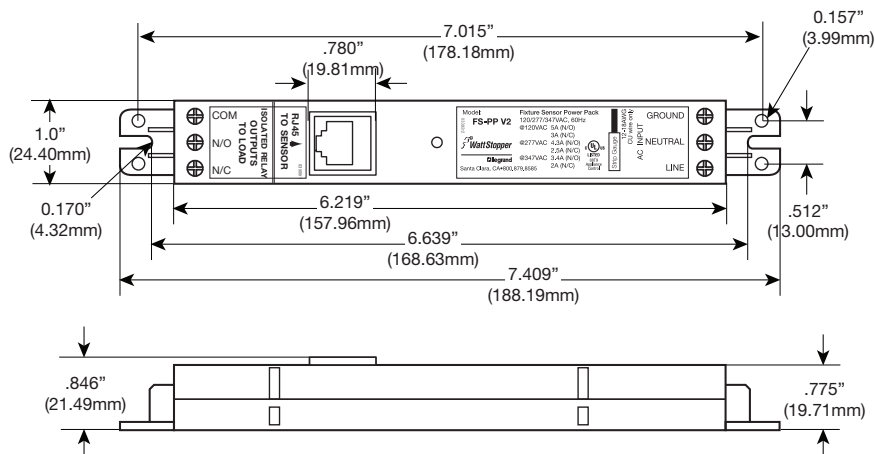
PRODUCT OVERVIEW

The FS-PP v2 power pack supplies low voltage power to FS and FD sensors and switches connected loads in response to control signals from the sensors.

The FS-PP v2 is designed for installation inside the lighting fixture housing and includes a female RJ45 receptacle. A cable fitted with a corresponding male RJ45 plug is supplied with each FS series

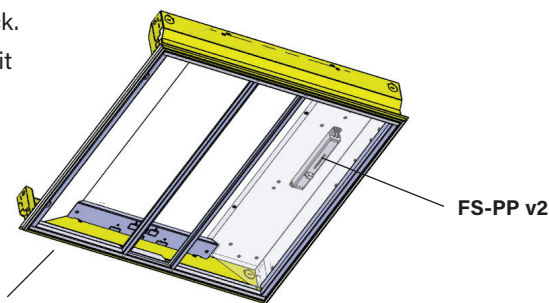
24VDC occupancy sensor. This cable carries power to the sensor and lighting control signals to the power pack.

FS-Cx accessory cables are required to connect multiple sensors or multiple power pack wiring configurations. Wiring connected to the RJ45 is limited to an aggregate total of 100'. High voltage connections should use at least 16 gauge wire.



PRODUCT OVERVIEW

1. Determine an appropriate mounting location inside the light fixture.
2. Use the holes or mounting slots at both ends of the power pack to secure it to the fixture.
3. Connect wires to load as illustrated in the wiring diagram section.
4. Connect wires to electrical supply as illustrated in the wiring diagram section.
5. Connect the RJ45 from the sensor to the RJ45 on the power pack.
6. Restore power from the circuit breaker.



MODELS

FS-PP v2

SPECIFICATIONS & FEATURES

Power: 120/277/347 VAC, 60 Hz

Relay Type: Form C (Zero Crossing on N.O. only)

Output: 70mA @ +24VDC with relay connected
 @ 120VAC: 5.0A (N/O), 3.0A (N/C), 1/6hp
 @ 277VAC: 4.3A (N/O), 2.5A (N/C), 1/6hp

Weight: 2.86 oz/ 81 g

Line and Load Connections:
 12-18AWG screw terminals

Terminal torque rating .4428 inch pound-force
 (0.5Nm)

For use with all low voltage fixture sensors

ON/OFF and stepped dimming control options
 (with 0-10VDC dimming ballasts)

Controls: one ultrasonic or up to seven PIR
 fixture sensors

RJ45 receptacle for easy plug and play with all
 low voltage FS sensors

Zero crossing circuitry for increased sensor life

Terminal connections for easy installation

Small, thin footprint fits in most lighting fixtures

Operating conditions: 32°F to 131°F (0°C to
 55°C); 5% to 95% RH, non condensing

UL and cUL listed

Indoor use only

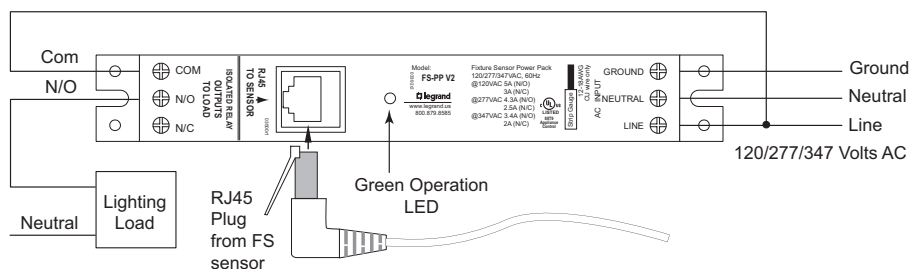
Five year warranty

MATERIALS

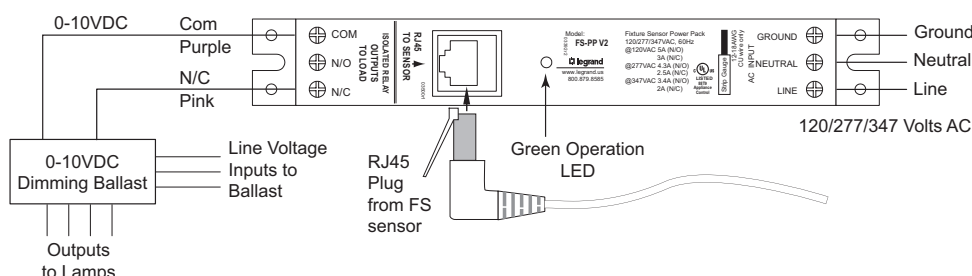
White ABS, flame retardant

Meets materials restrictions of RoHS

WIRING DIAGRAMS



FS-PP v2 direct wiring to lighting load



FS-PP v2 wiring to 0-10V dimming ballast

NOTE: Per UL, the 0-10V negative dimming wire color has been changed from gray to pink.

ORDERING INFORMATION

Catalog #	Master Pack Details					Inner Pack Details				
	Master Pack Quantity	Case dimensions (inches)			Weight (pounds)	Inner Pack Quantity	Case/Bag dim. (inches)			Weight (pounds)
		Length	Width	Height			Length	Width	Height	
FS-PPv2	100	21.1	20.1	10.3	21.8	N/A	N/A	N/A	N/A	N/A
FS-C1	160	14.2	11	14.2	31.6	10	13.8	9	.01	1.9
FS-C1-20	120	18.5	13.4	14	44.9	5	13.8	9	.01	1.8
FS-C2	700	18.5	13.4	14	16.8	20	13.8	9	.01	.48
FS-C3	350	18.5	13.4	14	28.1	10	13.8	9	.01	.76
FS-C4	750	16.3	12.8	20.3	40	15	9	7	1	.76
FS-C5	600	14.2	11	14.2	22.3	30	12	6	1	1
FS-CK-2	320	20	17.5	14	25	80	19.5	8	6.25	5.5

Catalog #	Color	Description	Input Voltage
<input type="checkbox"/> FS-PPv2	White	Fixture Sensor Power Pack	120/277/347 VAC, 60Hz
<input type="checkbox"/> FS-C1		10' (3.048m) cable with shielded RJ45 male connectors at each end	
<input type="checkbox"/> FS-C1-20		20' (3.048m) cable with shielded RJ45 male connectors at each end	
<input type="checkbox"/> FS-C2		6" (0.152m) cable with 3 flying leads at one end and a shielded RJ45 male connector on the other	
<input type="checkbox"/> FS-C3		3' (0.914m) cable with shielded 90° male RJ45 on one end and shielded straight male RJ45 on the other	
<input type="checkbox"/> FS-C4		Shielded RJ45 splitter with female to dual female receptacles	
<input type="checkbox"/> FS-C5		Shielded RJ45 male to male coupler	
<input type="checkbox"/> FS-CK-2		6" (0.152m) cable with 3 flying leads at one end and shielded RJ45 male connector at the other, plus shielded male to male coupler	

Information supplied above is subject to change.
Harmonization code: 8538908080. Country of origin: China.

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