LIGHTING AND PLUG LOAD POWER PACKS

BZ-2X0 SERIES

RoHS

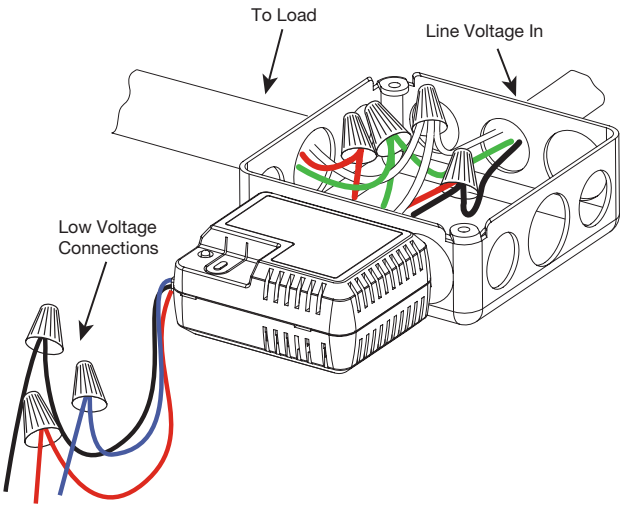
PRODUCT OVERVIEW

The BZ-200 and BZ-250 power packs switch connected loads On and Off in response to Wattstopper occupancy sensors, and provide up to 225mA at 24VDC to power the sensors. The BZ-250 enables Manual-On sequences of operation, and also accepts additional low voltage control inputs for Hold-On, Hold-OFF and load applications, when used with lighting control panels or building automation systems.

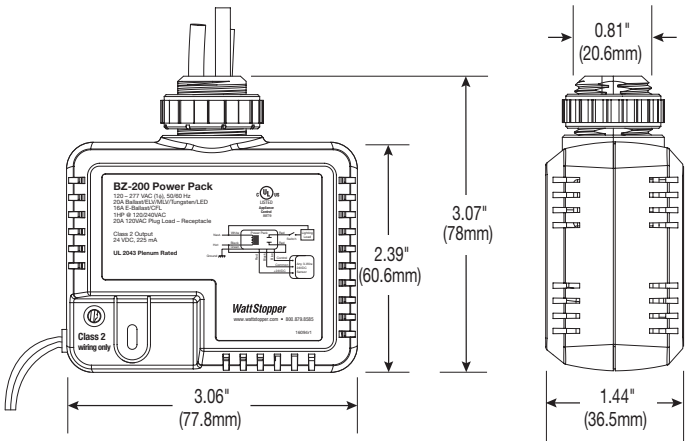
Both power packs have an integral On/Off button allowing the installer to quickly verify load operation. The BZ-250 uses a mechanically held latching relay, and the relay can be set to open, close or maintain state prior to a power loss, so that lighting is in the preferred state (On, Off or last state) when power is restored. The power packs are UL listed of control of lighting and plug loads.

The BZ-200 and BZ-250 have a 1/2" threaded nipple, and mount to a variety of electrical enclosures through a 1/2" knockout.

MODELS
BZ-200
BZ-250
SPECIFICATIONS & FEATURES
Power: 120-277VAC, single phase; 50/60Hz
Output: 225 mA @ +24VDC with relay connected 120-277 VAC, 20 A
Hold-On and Hold-Off inputs (BZ-250)
Auto- or Manual-On (BZ-250)
Mechanically held latching relay with selectable power loss operation: On, Off, or last state (BZ-250)
Load On/Off button
Zero Crossing Circuitry for increased sensor life
UL 2043 plenum rated
Operating conditions: -4°F to 131°F (-20°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 Low-voltage leads rated for 300 volts UL-rated 94 V-O plastic enclosure Meets materials restrictions of RoHS



BZ-200 installed in electrical box

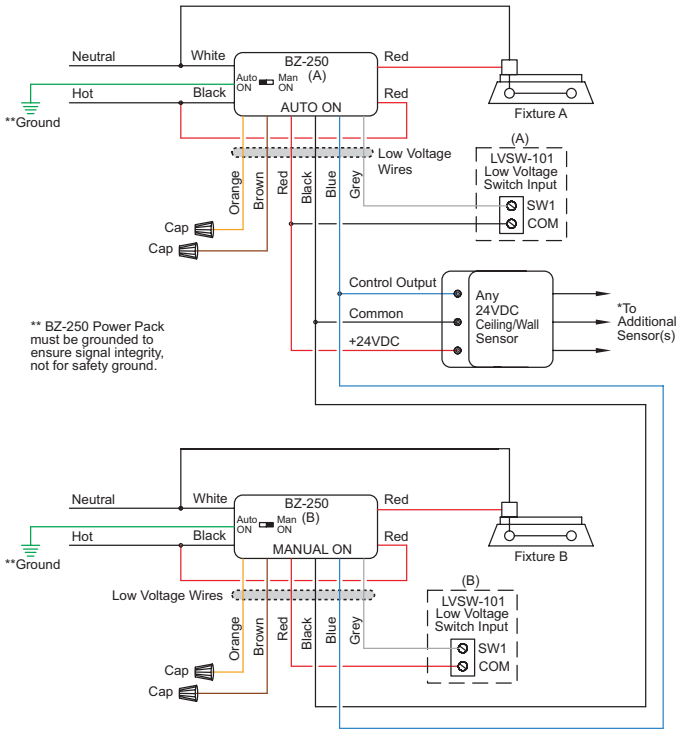


Product dimensions

INSTALLING THE BZ-200 SERIES POWER PACKS

1. Determine an appropriate mounting location for the power pack.
2. Attach the power pack to an electrical enclosure.
3. Connect red wire to load as shown on wiring diagram.
4. Connect remaining line voltage wires to electrical supply as shown on wiring diagram.
5. Connect low voltage leads to occupancy sensor as shown on wiring diagram. (Note: for additional wiring diagrams, visit www.legrand.us/wattstopper).
6. Restore power from the circuit breaker.

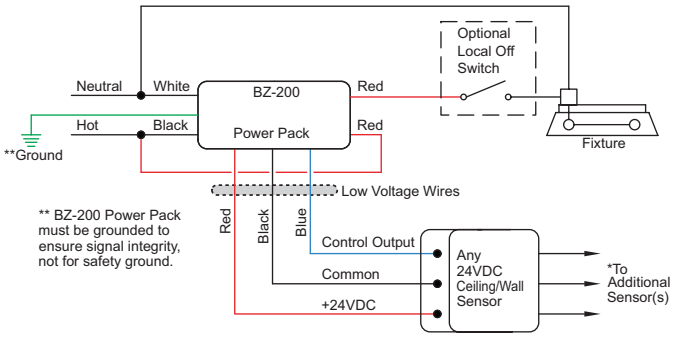
WIRING DIAGRAMS



BZ-250s wired for manual-on and bi-level switching

NOTES:

1. Power packs should be installed in accordance with state, local and national electrical codes and requirements.
2. Power packs are designed to attach to existing or new electrical enclosures with 1/2 inch knockouts.
3. For plenum return ceilings, use UL listed plenum-approved cables.
4. The BZ-200 and BZ-250 are Class 2 Output Power Supplies, suitable for parallel interconnection of up to four (4) units maximum. They are UL Listed for Interconnection of Power Sources in accordance with the National Electric Code.



BZ-200 wiring to lighting load and sensor

ORDERING INFORMATION

Catalog #	Master Pack Details					Inner Pack Details				
	Master Pack Quantity	Case dimensions (inches)			Weight (pounds)	Inner Pack Quantity	Case dimensions (inches)			Weight (pounds)
		Length	Width	Height			Length	Width	Height	
BZ-200	40	16	13.9	10.2	20.9	10	13.5	7.6	4.7	5
BZ-250	40	16	13.9	10.2	20.9	10	13.5	7.6	4.7	5
BZ-250-347	40	16	13.9	10.2	20.9	10	13.5	7.6	4.7	5

Catalog #		Color	Description	Voltage
☐	BZ-200	White	Lighting and Plug Load Power Pack	120-277VAC, single phase; 50/60Hz
☐	BZ-200-U	White	Lighting and Plug Load Power Pack; BAA/TAA Compliant*	
☐	BZ-250	White	Lighting and Plug Load Flex Control Power Pack	
☐	BZ-250-U	White	Lighting and Plug Load Flex Control Power Pack; BAA/TAA Compliant*	
☐	BZ-250-347	White	Lighting and Plug Load Flex Control Power Pack	120-347VAC, single phase; 50/60Hz

*Product is compliant with Buy American Act and Trade Agreement Act
Information supplied above is subject to change.
Harmonization code: 8504406001. Country of origin: China.

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