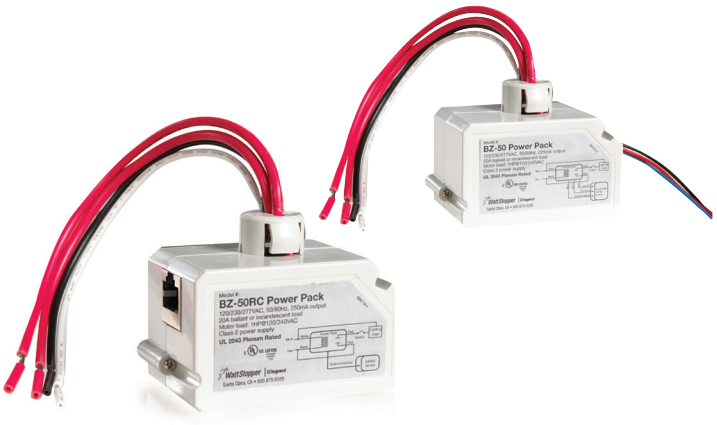
UNIVERSAL VOLTAGE POWER PACKS

BZ-50RC AND BZ-50



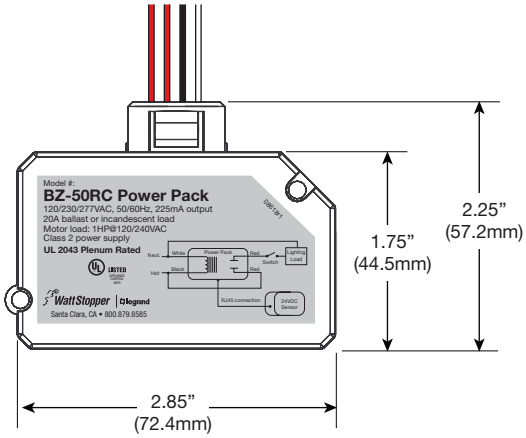
MODELS
BZ-50RC
BZ-50
SPECIFICATIONS & FEATURES
Input Voltage: 120/277VAC; 50/60Hz
Output: 225 mA @ +24VDC with relay connected
Low Voltage Connections: BZ50RC – RJ45 connection to FS sensors BZ-50 – 18-22 AWG, 3-conductor, Class 2 cable Control in, common, +24VDC
For use with all low voltage fixture sensors
Weight: 5.6 oz (158.8 g)
RJ45 receptacle (BZ-50RC) for easy plug and play with all low voltage FS sensors
Zero Crossing Circuitry for increased sensor life
UL 2043 plenum rated
Operating conditions: 32°F to 104°F (0°C to 40°C); 5% to 95% RH, non condensing
UL and cUL listed
Indoor use only
Five year warranty
MATERIALS
ABS, flame retardant Meets materials restrictions of RoHS

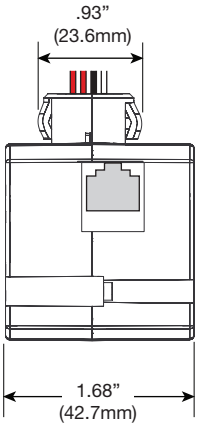
PRODUCT OVERVIEW

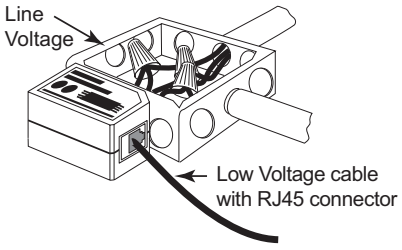
The BZ-50RC power packs are the foundation for a low voltage lighting control system. The BZ-50RC supplies low voltage power to FS occupancy sensors and other control devices that are equipped with an RJ45 jack, while the BZ-50 has low voltage flying leads.

The BZ-50 series power packs switch line voltage in response to signals from control devices. The power pack is attached to an existing junction box or mounted into a fixture wiring tray.

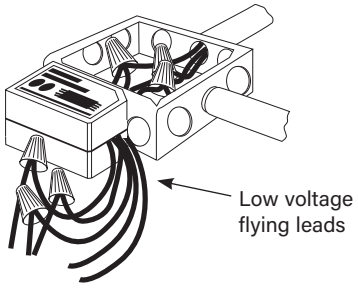
BZ-50 and BZ-50RC Dimensions







BZ-50RC

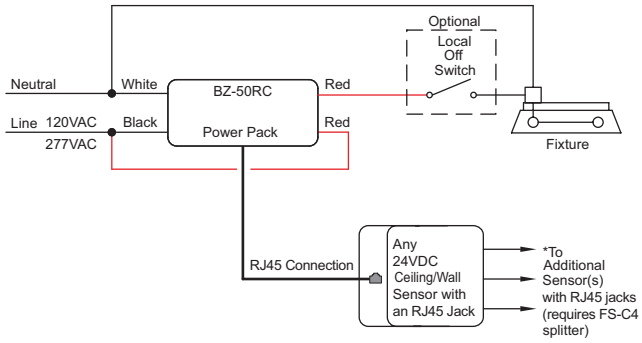


BZ-50

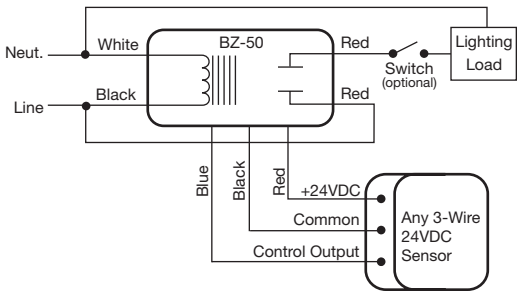
INSTALLING THE BZ-50RC IN A LIGHT FIXTURE

1. Determine an appropriate mounting location for the power pack.
2. Attach the power pack to an electrical enclosure.
3. Connect wires to load as described in the wiring section.
4. Connect wires to electrical supply as described in the wiring section.
5. Connect the RJ45 from the sensor to the RJ45 on the power pack.
6. Restore power from the circuit breaker.

WIRING DIAGRAMS



BZ-50RC wiring to lighting load and sensor



BZ-50 wiring to lighting load and sensor

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-50RC is a Class 2 Output Power Supply, suitable for parallel interconnection of up to 10 units maximum. This power pack is UL Listed for Interconnection of Power Sources in accordance with the National Electric Code.

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-50RC	40	12.6	8.7	12.6	16.6	10	12.2	4	6.1	3.95
BZ-50	40	12.6	8.7	12.6	16.1	10	12.2	4	6.1	3.8
FS-C1	160	14.2	11	14.2	31.6	10	13.8	9	.5	1.9
FS-C1-20	120	18.5	13.4	14	44.9	5	13.8	9	.5	1.8
FS-C2	700	18.5	13.4	14	16.8	20	13.8	9	.5	.48
FS-C3	350	18.5	13.4	14	28.1	10	13.8	9	.5	.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
☐	BZ-50RC	White	Universal Voltage Power Pack with RJ45 connection	120/277 VAC, 50/60Hz 230/240 VAC (Single Phase), 50/60Hz
☐	BZ-50	White	Universal Voltage Power Pack with flying leads	
☐	BZ-50-U	White	Universal Voltage Power Pack with flying leads; BAA/TAA Compliant*	
☐	FS-C1		10′ (3.048m) cable with shielded RJ45 male connectors at each end	
☐	FS-C-20		20′ (6.096m) extension cable with shielded RJ45 male connectors at each end	
☐	FS-C2		6″ (0.152m) cable with 3 flying leads at one end and a shielded RJ45 male connector on the other	
☐	FS-C3		3′ (0.914m) cable with shielded 90° male RJ45 on one end and shielded straight male RJ45 on the other	
☐	FS-C4		Shielded RJ45 splitter with female to dual female receptacles	
☐	FS-C5		Shielded RJ45 male to male coupler	
☐	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	

*Product is compliant with Buy American Act and Trade Agreement Act
Information supplied above is subject to change.
Harmonization code: 8538908080. Country of origin: China.

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