

BZ-50 Universal Voltage Power

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BZ-50

1. Power pack shall be a self-contained power supply and relay module measuring 1.6" x 2.75" x 1.6" (40.6mm x 69.9mm x 40.6mm) H x W x D.
2. For ease and speed of installation, power pack shall have a 1/2" snap-in nipple for 1/2" knockouts and mounting on outside of enclosure.
3. Power pack shall have dry contacts capable of switching 20-amp ballast and incandescent load @ 120 VAC, 60 Hz; 20-amp ballast @ 277 VAC, 60 Hz; 1 hp @ 120-250 VAC, 60Hz.
4. Power pack shall have primary voltage and frequency inputs of 120/230/277 VAC, 50/60Hz.
5. Power pack shall provide a 24 VDC, 225 mA output with the relay connected.
6. Power pack shall provide 14 AWG wires for reliable 20A operation.
7. Power pack shall be capable of parallel wiring without regard to AC phases on primary.
8. Power pack can be used as a stand-alone, low-voltage switch, or can be wired to sensor for auto control.
9. Power pack shall have an LED to indicate status of relay.
10. Power pack shall have over-current protection if the low voltage current drawn exceeds 225 mA. In the event of an over-current, the low voltage +24VDC output shuts down to prevent permanent damage and the LED will blink continuously to indicate a fault condition.
11. Power pack shall be UL 2043 plenum rated and shall have low-voltage Teflon-coated leads rated for 300 volts.
12. Power pack shall utilize zero crossing circuitry to protect from the effects of in-rush current and increase product longevity.
13. To be environmental friendly, power pack shall use lead-free material and be RoHS- compliant.
14. To ensure quality and reliability, power pack shall be manufactured by an ISO 9002-certified manufacturing facility and shall have a defect rate of less than 1/3 of 1%.
15. Power pack shall have a five-year warranty.
16. Power pack shall be UL and CUL listed.



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