

**QJB**

12V or 24V AC Power Supply - 10W-20W



- AC power supply designed for indoor applications
- Available in 10 watts or 20 watts
- Input voltage options: 120V or 277V
- Output voltage options: 12V or 24V
- Compact 4-inch square junction box design
- Provides a solid solution for smaller AC/LED loads.

1 PRODUCT	2 WATTAGE	3 PRIMARY VOLTAGE	4 SECONDARY VOLTAGE
QJB			

Sample Part Number: **QJB-10W-120(60Hz)-12V**

1 PRODUCT	2 WATTAGE	3 PRIMARY VOLTAGE	4 SECONDARY VOLTAGE
QJB	10W 20W	120 277 60Hz 60Hz	12V 24V

PRODUCT INFORMATION

- For indoor use only
- Suitable for damp locations
- Wall or recess mount capable
- Type IC recessed, inherently protected
- Dimmer, if used, must be magnetic low voltage dimmer
- Class 2 output
- Dimmers must have a neutral
- Suitable for Class 2 wiring
- For supply connections use wires rated for at least 75°C
- CSA #239924
- Low Voltage Lighting Systems
 - UL 1598 - Luminaires
 - UL Standard 2108 - Low Voltage Lighting System
 - UL Standard 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products
 - CSA C22.2 No 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications
- 10 Year Warranty

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VOLTAGE DROP CHART

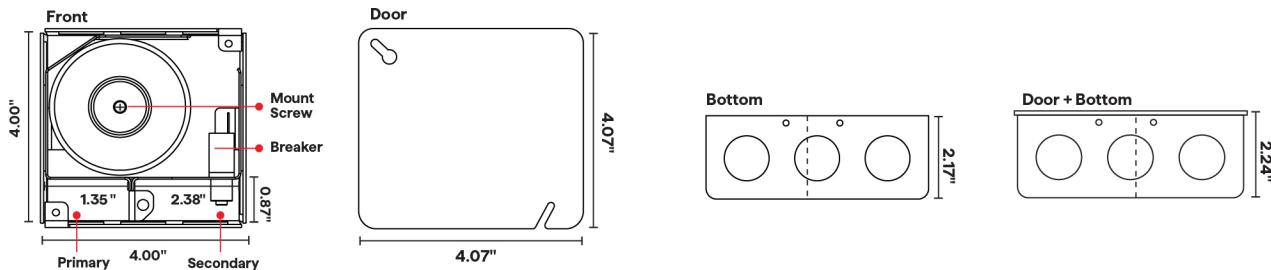
Secondary tap connection

Load Wattage (W)	TAP 1, 12V					
	8 AWG	10AWG	12AWG	14AWG	16AWG	18AWG
10	860	540	340	214	134	85
20	430	270	170	107	67	42

Load Wattage (W)	TAP 1, 24V					
	8 AWG	10AWG	12AWG	14AWG	16AWG	18AWG
10	3438	2160	1360	855	538	338
20	1719	1080	680	428	269	169

No dimming taps available. If dimming, increase size of transformer and wire gauge, and reduce distance to fixture to reduce voltage drop

1 PRODUCT - DIMENSIONS



2 TECHNICAL INFORMATION

Wattage	Max Load (Watts)	Secondary Voltage	Max Prim Amps @ 120V	Max Prim Amps @ 277V
10W	1x10W	12V	0.096 A	0.042 A
20W	1x20W	12V	0.192 A	0.083 A
10W	1x10W	24V	0.096 A	0.042 A
20W	1x20W	24V	0.192 A	0.083 A

HOUSING

- 20 - gauge steel enclosure
- Junction Box: 4.00"W x 4.00"H x 2.20"D
- Door: 4.07"W x 4.07"H
- Color: white powder coating
- Knockouts: 2

PRIMARY CIRCUIT PROTECTION

- Primary Autoreset Thermal Protector
 - NOTE: Thermal protector will temporarily disconnect the primary if the transformer overheats due to an overload or saturation from a faulty dimmer

SECONDARY CIRCUIT PROTECTION

- Magnetic Circuit Breaker: 1



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- Amps: 5A
 - NOTE: Breakers are sized to the feed load per N.E.C. Article 411

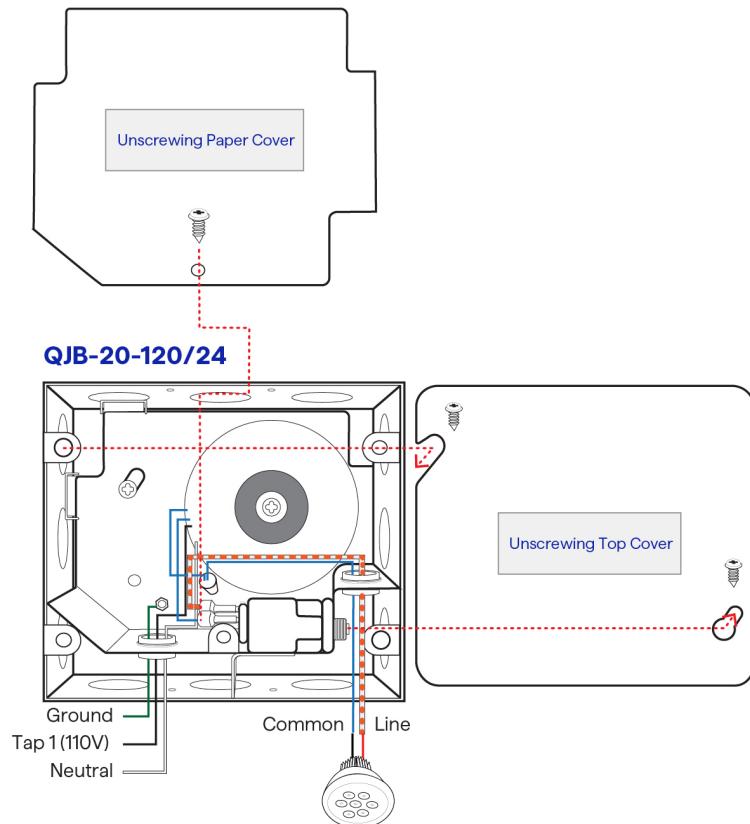
INCLUDED ITEMS

- Barrier Plate

TOROIDAL TRANSFORMER

- Primary Taps: 1
- Output Voltages: 12V or 24V
 - NOTE: 20W Supplies have one tap and 40W supplies have 3 taps
- No derating required for incandescent and halogen loads
- 50% derating required for LED retrofit loads

WIRING DIAGRAM





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COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature
junction box, DRY/DMP
(WET rated with silicone)