



PS440/480B

- BUILT TO RUN UP TO 4 OR 8 LOCKS, EXIT TRIM & LP MOTOR/SOLENOID KITS
- ROBUST SOLID-STATE OUTPUTS - PROTECTS SYSTEM RELAYS
- INTERRUPTION FREE BATTERY BACK-UP
- BUILT TO LAST IN THE USA

PS440/480B - 110-120VAC input power supplies that deliver (4) amps @ 24VDC to (4) or (8) PTC fused outputs. (4) or (8) solid-state input triggers, protects system relays from shorts, grounds and surges.. It's linear design makes it a perfect match for solenoid & motor driven exit devices, electric locks ,electric strikes, and mag locks.

SPECIFICATIONS

INPUT VOLTAGE:

- 120 VAC, 60 Hz,
- Input Fuse: 2 Amp Fuse @ 250VAC

OUTPUT VOLTAGE:

- 4A @ 24VDC
- 4 Solid State I/O's - .75A auto resetting fused outputs
- Over-voltage protection
- Output Voltage trim pot

BATTERY BACKUP:

- Regulated, independent battery charging
- Automatic uninterrupted backup circuit
- Battery cables included
- Requires (2) 12VDC 7AH batteries
- Batteries not included

FIRE ALARM:

- Fire alarm link

LED'S:

- Red = A/C Power indicator
- Green = D/C Output indicator
- Orange + Battery Output Indicator

FEATURES & BENEFITS:

- Linear design insures ample inrush/hold current for latch retraction
- Door mounted LED Power Indicator
- Easy to remove euro connectors

LISTINGS:

- UL294 6th Edition

MECHANICAL DETAILS:

- Enclosure dimensions: PS440B (13" W x 15.5" H x 5" D); PS480B (13" W x 15.5" H x 5" D).
- 1/2" & 3/4" knockouts on all sides
- Hinge-less removable cover; Cam lock not provided
- PS440/480B accommodates (2) 12VDC 7AH batteries
- Product Weight: PS440/480B - 14 lbs
- Shipment Weight: PS440/480B - 15 lbs

ELECTRICAL:

- Temperature range: 0 to 49° C; 32 to 120° F
- Maximum humidity: 85%

Part #	Easy Order #	Description
PS440B	78853	4 I/O's w/battery back up.
PS480B	78854	8 I/O's w/ battery back up.

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POWER SUPPLY MATRIX

	24VDC PS Line	Amperage(Continuous)	Boost Current ⁵	Inputs	Outputs (fused)	Battery Back-up (Batteries Not Included)	Fire Alarm Link	24V Power Tap (Constant power)	Locking Hardware (Mortise/Cylindrical/Exit Trim)	Latch Retraction (with LPM, PM300HO)	Latch Retraction (with PM300/Solenoid)	Latch Retraction (with MM Module/Motor)	Metal Enclosure
UL294 6E	PS204	2	3	4	4	-	✓	-	4	-	-	4	S
	PS204B	2	3	4	4	✓	✓	-	4	-	-	4	L
	PS210	1.5	2.5	1	1	-	- ¹	-	2 ²	2 ²	2 ²	2 ²	S
	PS220	2	3	2	2	-	✓	✓	2	2	2	4	S
	PS220B	2	3	2	2	✓	✓	✓	2	2	2	4	L
	PS440B	4	6	4	4	✓	✓	-	4	3	4	4	L
UL294	PS480B	4	6	8	8	✓	✓	-	8	0	8	8	L
	PS1	1	-	1	1	-	- ¹	-	2 ²	2 ²	2 ²	2 ²	S
	PS2 ⁴	2	-	2	2	-	✓	-	2	0	2	2	L
	PS2BB ⁴	2	-	2	2	✓	✓	-	2	0	2	2	L
	PS5	5	-	0	1	✓	✓	-	8 ³	6 ³	8 ³	8 ³	L
	PS5-4	5	-	4	4	✓	✓	-	4	4	4	4	L
	PS5-8	5	-	8	8	✓	✓	-	8	0	8	8	L

Small Enclosure: 11" x 11" x 4"

Large Enclosure: 13" x 15.5" x 5"

1. Uses Fire Alarm tie-in through trigger.

2. 1 output powers 2 devices/locks simultaneously

3. Up to stated devices/locks depending on distribution board or relays (by others).

4. Add Suffix (BO) for board only. Will not include metal enclosure.

5. Boost Current: Max current allowed by UL at 20% duty cycle.