

PS1

- **BUILT TO RUN UP TO 1 LOCKS, EXIT TRIM & LP MOTOR / SOLENOID KITS**
- **ROBUST SOLID-STATE OUTPUTS - PROTECTS SYSTEM RELAYS**
- **BUILT TO LAST IN THE USA**



PS1 - 110-120VAC input power supplies that deliver (1) amps @ 24VDC to (1) PTC fused outputs. (1) solid-state input triggers, protects system relays from shorts, grounds and surges. Its 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:

- 1A @ 24VDC
- 1 Solid State I/O's - 1A auto resetting fused outputs
- Over-voltage protection
- Output Voltage trim pot

Fire Alarm:

- Fire alarm contacts can be wired in series with input trigger to achieve fire alarm disconnect.

Listings:

- UL294
- CSA

FEATURES

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
- Intelligent short circuit detection

Mechanical Details:

- Enclosure dimensions: PS1 (11" W x 11" H x 4" D)
- 1/2" & 3/4" knockouts on all sides
- Hinge-less removable cover; Cam lock not provided
- Product Weight: PS1 - 14 lbs
- Shipment Weight: PS1 - 15 lbs

Electrical:

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

How to Order



PART #	EASY ORDER #	DESCRIPTION
PS1	70003	1 Inputs/Outputs w/out battery back up.

Power Supply Matrix

PS LINE 24VDC	AMPERAGE (CONTINUOUS)	AMPERAGE (BOOST)	INPUTS	OUTPUTS	BATTERY BACK-UP	FIRE ALARM LINK	24V POWER TAP (CONSTANT POWER)	LOCKING HARDWARE (MORTISE /CYLINDRICAL LOCK/EXIT TRIM)	LOCKING HARDWARE (MOTORIZED EXIT DEVICES)	LOCKING HARDWARE (SOLENOID EXIT DEVICE PM300)	LOCKING HARDWARE (SOLENOID EXIT DEVICE LPM/PM300HO)	METAL ENCLOSURE
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	2	S
PS220B	2	3	2	2	✓	✓	✓	2	2	2	2	L
PS440B	4	6	4	4	✓	✓	-	4	4	4	3	L
PS480B	4	6	8	8	✓	✓	-	8	8	8	-	L
PS202	2	3	2	2	-	✓	-	2	2	-	-	S
PS202B	2	3	2	2	✓	✓	-	2	2	-	-	L
PS204	2	3	4	4	-	✓	-	4	4	-	-	S
PS204B	2	3	4	4	✓	✓	-	4	4	-	-	L
PS1	1	-	1	1	-	- ¹	-	2 ²	2 ²	2 ²	2 ²	S
PS5-4	5	-	4	4	✓	✓	-	4	4	4	4	L

¹Can be wired in through the input, see instructions for more detail

²1 output powers 2 devices/locks simultaneously

SMALL ENCLOSURE: 11" x 11" x 4"

LARGE ENCLOSURE: 13" x 15.5" x 5"

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