



PS1

- BUILT TO RUN UP TO **1** 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

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.. 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:

- 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

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%

Part #
PS1
Easy Order #
70003
Description

1 Inputs/Outputs w/out battery back up.

U.S. Customer Support
1-888-622-2377
Visit our website for more details
www.CommandAccess.com
Canada Customer Support
1-855-823-3002

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Doc #20351_A

POWER SUPPLY MATRIX

| UL294/CSA | <div>24VDC PS Line</div> <div>Amperage(Continuous)</div> <div>Boost Current ⁵</div> <div>Inputs</div> <div>Outputs (fused)</div> <div>Battery Back-up (Batteries Not Included)</div> <div>Fire Alarm Link</div> <div>24V Power Tap (Constant power)</div> <div>Locking Hardware (Mortise/Cylindrical/Exit Trim)</div> <div>Latch Retraction (with LPM, PM300HO)</div> <div>(with PM300/Solenoid)</div> <div>Latch Retraction (with MM Module/Motor)</div> <div>Metal Enclosure</div> | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|----------------|---|----------------|----------------|----------------|----------------|---|
| | 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.