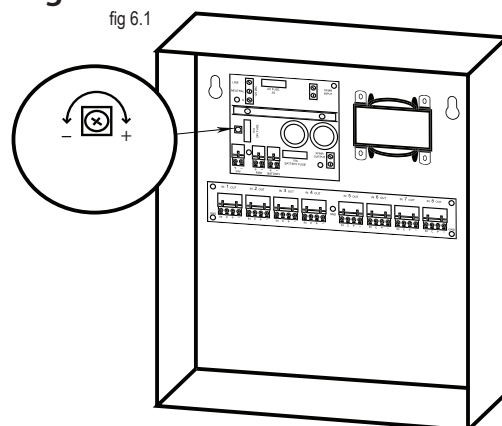


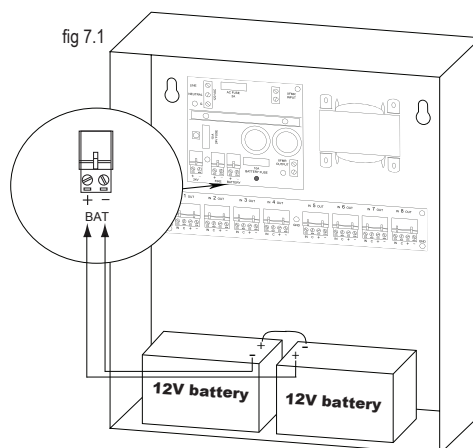
## STEP 6 - Adjusting the Output Voltage

1. To adjust output voltage, locate adjustment dial shown in fig 6.1 and go to step 2.
2. Turn adjustment dial clockwise to increase output voltage. Turn adjustment dial counter-clockwise to decrease output voltage.



## STEP 7 - Wiring the Batteries

1. Make sure the 120VAC supply breaker is off
2. Position batteries and hook up the battery leads as shown in fig. 7.1 without connecting the wired removable terminal block to the power supply.
3. Before restoring 120VAC power and connecting the wired terminal block to the power supply confirm that the polarity is correct with the battery hookup diagram.
4. Turn on 120VAC power to power supply. The battery LED should be on.
5. Plug the wired battery terminal block into the female "battery" connector on the board. The battery LED should remain on. If the light goes out, there is either a short circuit or the battery polarity is not correct. Remove the connector from the terminal block and re-inspect your installation to repair the short circuit or to remedy the polarity. Replace the fuse with a 5A 250VAC only and reconnect the terminal block.



### NOTES:

1. When installing batteries for the first time or replacing old batteries make sure the batteries installed are fresh.
2. We recommend you label the battery with the date the batteries were installed. Most battery manufactures recommend the batteries be replaced after 4-5 years of service. You may want to check with your battery manufacturer when establishing a "replace by" date.

Command Access is not responsible for any typographical errors.

## DESCRIPTION

The PS5 power supply is a regulated, linear power supply rated at 6 Amps @ 24VDC. It's state-of-the-art, solid-state design offers a flexible and cost effective solution to powering and controlling low current DC locking devices such as mortise locks, cylindrical locks, panic trim, and electric strikes. Additionally, its built-in surge capabilities allow the PS5 to power up to eight latch-retracting exit devices simultaneously, when used with the Command Access PM300 interface power module. This gives the installer the flexibility to control low current and high surge current devices with one power supply! The PS5 is a feature-rich power supply that offers adjustable output voltage from 24-27VDC (+/- 5%), eight solid-state I/O's, a fire alarm link, and other standard features to give you the flexibility and control to do the job right.

## FEATURES

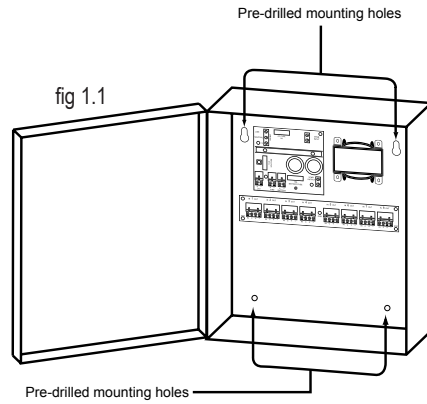
- Solid-state input (no relays required)
- "Euro-style" removable terminal blocks used
- Fire Alarm Link completely cuts power to all outputs
- Independent Battery Charging Circuitry/Back-up
- LEDs for "Power" and "Channel On" indication
- No hassle 3-year Warranty

## SPECIFICATIONS

- Input voltage - 120 VAC
- Output voltage - Regulated 24VDC @ .65A per channel (8) = 5 Amps; 10A surge
- Inputs (8): independent, solid-state inputs triggered by N.C. dry contact (10mA max)
- Outputs (8): Auto Resetting, solid state outputs at .65Amps
- Enclosure - 12.5"W x 15"H x 4"D (accommodates two 7AH batteries)
- Fuses - 5mm x 20mm: AC = 2.0A 250VAC, Battery charging = 5A, Output = 10A
- Independent Battery Charging Circuitry/Back-up set at 27.6V (+/- 5%) with solid-state design and very low voltage loss (2 each 7AH batteries required, but not included)
- Temperature Range - 0 to 120 deg F
- LEDs - Red = A/C Power Indicator, Green = D/C Output Indicator

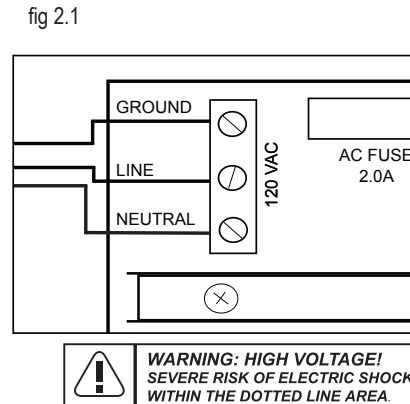
## STEP 1 - Mount the power supply

1. Find a cool and dry location to mount the power supply.
2. Using the four mounting holes in the power supply box, secure the box to a wall or other solid surface.  
(Note: The box is designed for indoor use only.)
3. Proceed to step 2.



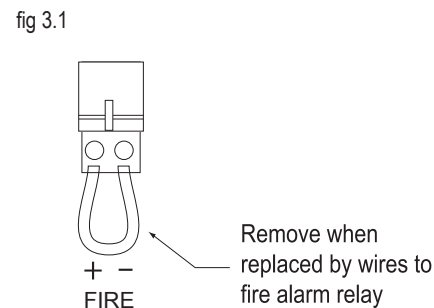
## STEP 2 - 120VAC wiring connection

1. Make sure the breaker that will be providing the 120VAC to the power supply is shut off.
2. Connect the 120VAC supply wires (line, neutral and ground) to the 120VAC terminal block on the power supply (see fig 2.1).  
(Note: make sure the supply wires meet your local electrical codes.)
3. Proceed to step 3.



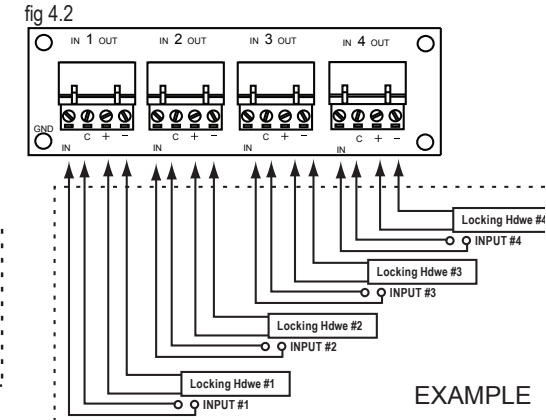
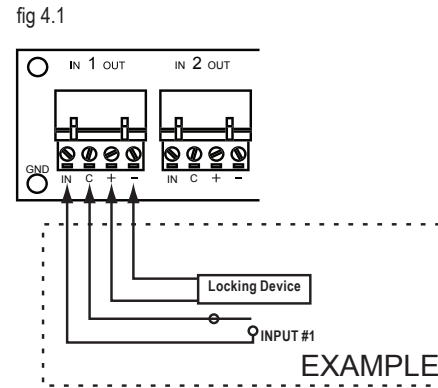
## STEP 3 - Connecting the Fire Alarm Link

1. If the power supply is to be connected to a fire alarm relay then proceed to the next step (3.2). If the fire alarm link is not being used then leave the jumper wire intact and skip to step 4.1.
2. Make sure the breaker that will be providing the 120VAC to the power supply is shut off.
3. Remove the jumper wire from the "fire" terminal (see fig. 3.1).
4. Connect to "normally closed" fire alarm relay.
5. Proceed to step 4.



## STEP 4 - Wiring the Devices

1. Make sure the 120VAC supply breaker is off.
2. Terminate the wires for each channel being used as shown in fig. 4.1. Each individual channel may be wired with the terminal block connected to the board or removed for easier access.  
(Note: When triggering multiple locking device from one input see fig 4.2 for recommended wiring)
3. Proceed to step 5.



## STEP 5 - Restoring Power and Testing

1. At this time make sure the removable battery terminal block is NOT connected to the power supply, turn on the 120VAC supply breaker.
2. The LEDs above the "battery" terminal and the "24V" main terminal should now be on.
3. Testing the fire alarm link - Now remove the "fire" connector and the "24V" main LED should turn off. The "battery" LED should remain on. This confirms that the fire alarm link is working correctly.
4. This completes the testing procedures, proceed to step 6