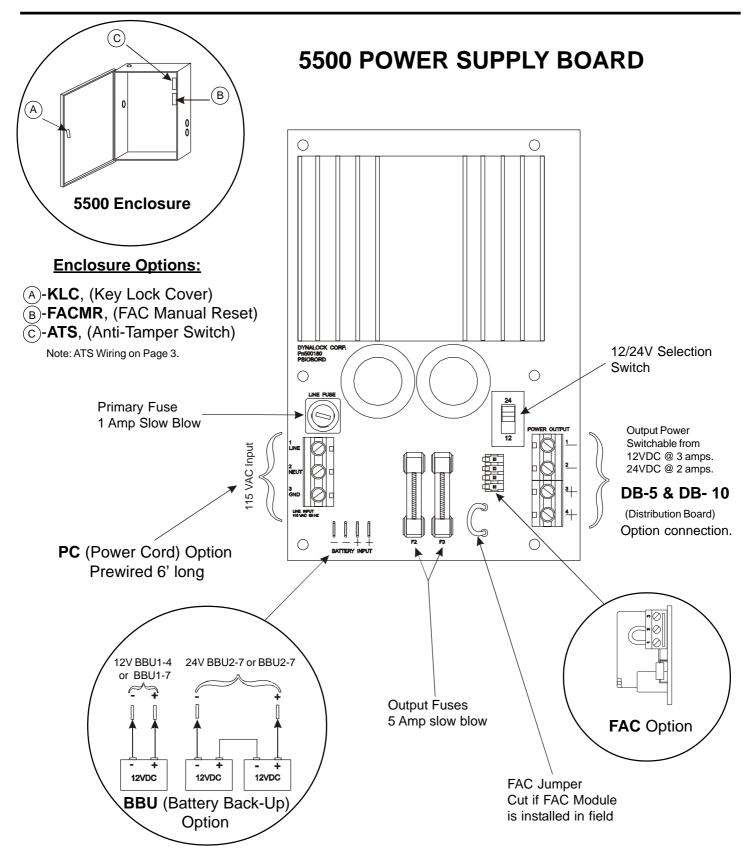


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MODEL #5500 POWER SUPPLY

INSTALLATION INSTRUCTIONS





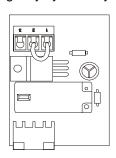
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MODEL #5500 POWER SUPPLY

INSTALLATION INSTRUCTIONS

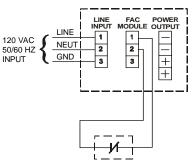
FAC Option (Fire Alarm Control)

Kills all voltage outputs when interfaced with emergency system dry contact.



Module supplied with jumper on terminals 1 & 2 as shown.

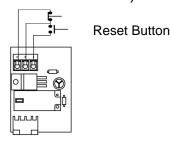
Typical Application



Normally-Closed Dry Contact from Fire Alarm Control Panel (By others). Cut Main Board Jumper when field installed. Refer to Page #1 (FAC Jumper).

FACMR Option

(FAC Manual Reset)



Opening normally closed contact removes all output power until the normally open reset button is momentarily pressed.

DB-5 & DB-10 Option (Distribution Board)

Two size distribution boards (5 or 10 position) are available to provide individually fused output terminals for each lock zone.

Without Control Module Option

(Factory Setting)

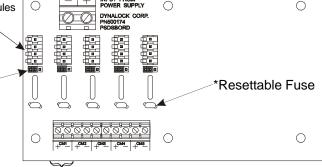
e individually fused ch lock zone.

Connector for CM/CMTD Modules

OUTPUT JUMPERS

With Control Module Option

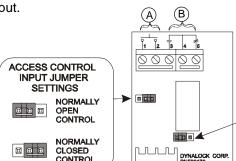
DC Input from Power Supply Main Board



*Resetting is done by first correcting the overload then disconnecting the load or turning off the line voltage for two minutes.

CM Option (Control Module)

Accepts access/egress control dry contact input. Provides SPDT relay output.



Access Control Input, Dry Contacts Only.

B SPDT Dry Contacts
Rated 2A @ 24V.

LOCK POWER OUTPUT
JUMPER SETTINGS

NORMALLY
ENERGIZED
OUTPUT

NORMALLY
DUE
DE-ENERGIZED
OUTPUT



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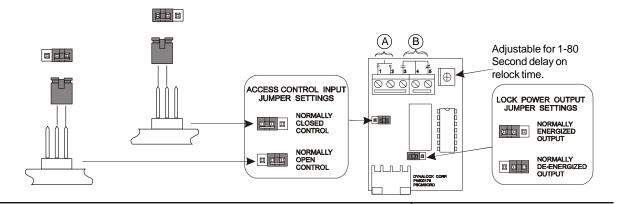
MODEL #5500 POWER SUPPLY

INSTALLATION INSTRUCTIONS

CMTD Option (Control Module with Time Delay)

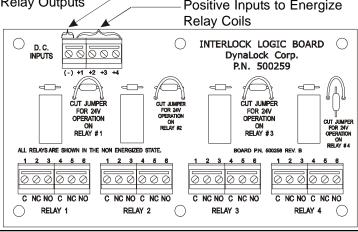
Same as CM Option with Relock Time Delay

- (A) Access Control Input, Dry Contacts Only.
- (B) SPDT Dry Contacts Rated 2A @ 24V.



Provides Four DPDT Relay Outputs Positive Inputs to Energize Relay Coils INTERLOCK LOGIC BOARD DynaLock Corp. P.N. 500259 Common Negative Terminal Positive Inputs to Energize Relay Coils

Note: Separate ILB user manual shows typical wiring diagrams.



ATS Option (Anti-Tamper Switch)

Contact held open with Enclosure cover closed.



Contact closed with Enclosure cover open.



NOTE: ATS switch contacts rated .25A @ 24V.

Installation Information

LOCK CAPACITY CHART

	Single Full Size	Double Full Size	Single	Double	Single Delay Egress	Deadbolt
12VDC	6	3	6	3	3	3
24VDC	8	4	8	4	3	4

CURRENT DRAW UP TO 1/2 AMP

Voltage	20 AWG	18 AWG	16 AWG	14 AWG	12 AWG	10 AWG
12VDC	50Ft.	100Ft.	150Ft.	250Ft.	400Ft.	750Ft.
24VDC	100Ft.	200Ft.	300Ft.	500Ft.	750Ft.	1500Ft.

^{*}This chart indicatess minimum recommended wire size, but local codes prevail

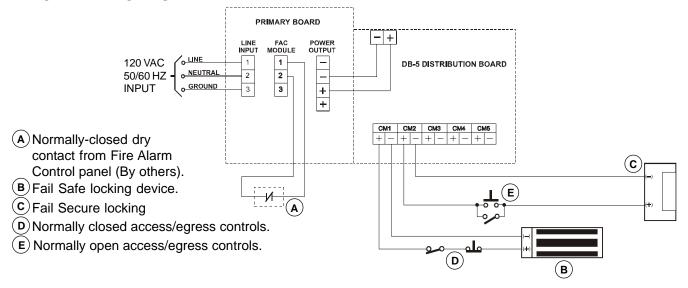


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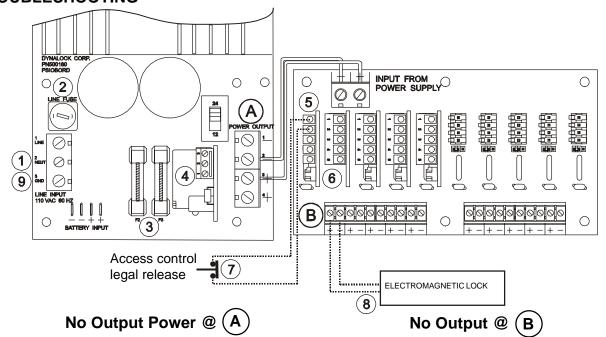
MODEL #5500 POWER SUPPLY

INSTALLATION INSTRUCTIONS

TYPICAL APPLICATION



TROUBLESHOOTING



- 1) Check input line power.
- (2) Check line fuse.
- ③ Check F2 & F3 output fuses.
- (4) Check FAC (If applicable) terminals 1 & 2 must be wired to N/C contact.
- Note: Start at 'No Output Power @ (A)
- (5) Check jumper settings on CM/CMTD module(If applicable).
- (6) Check jumper setting on DB-5/DB-10 card.
- (7) Check for proper access switch contact status.
- 8 Check load & external wiring for short condition.
- Reset Power Supply (With no load) by disconnecting input power at 1 for 2 minutes.