COMMAND ACCESS TECHNOLOGIES

PM300AC/PM300ACD

INSTALLATION INSTRUCTIONS

The PM300AC is a power booster interface module that fits inside of an electric latch pullback exit device. It's designed to work with 24VAC or unregulated 24VDC power supplies.

Includes

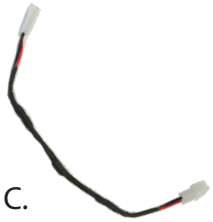
A. PM300 Module
B. 6' Power Lead
C. AC Adaptor
D. 12" Retrofit Wiring Harness
E. 3/4" Velcro
F. Wire Connectors

Tools Required

- Wire Stripper

A.


B.


C.


D.

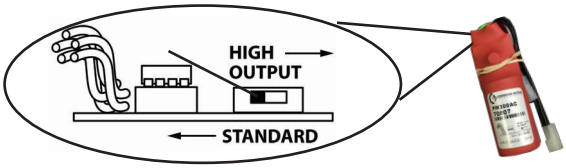

E.


F.

MODELS:

PM300AC - Designed to work with 24 VAC & 24VDC unregulated power supplies.
PM300ACD - Sames as PM300AC above with the added feature of a .5 second delay.

SPECIFICATIONS:



- Wires: Input to PM300AC non-polarized Black (+)(-)
- Operating Voltage Range: 20-26 VAC; 20-26 VDC unregulated
- Output from PM300: Yellow=Pull Coil; Orange= Hold Coil; Green=Common

Standard Mode

- Fuse: Glass 3.5 - 5A, Resettable 1A trip
- Relay: 5A or greater

High Output Mode

- Fuse: Resettable 2A trip
- Relay: 10A or greater

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PM300 Compatibility Chart

Power Supply Options for PM300AC and PM300ACD in **Standard Mode:**
The PM300AC works with the Adams Rite PS-LR, ACSI 1406, Corbin Russwin /Yale PS781N, Dorma PS-501, Precision PS150-6, and AC transformer. Please check compatibility chart in link above for a list of other manufactures power supplies.

Power Supply Options for PM300AC and PM300ACD in **High Output Mode:**
In High Output mode, the PM300AC has been tested with the Adams Rite PS-LR, ACSI 1406, Corbin Russwin /Yale PS781N, Dorma PS-501, Precision PS150-6, and AC transformer.

Note: High Output is recommended for sluggish devices, vertical rods, & overcoming door misalignment.

U.S. Customer Support
1-888-622-2377

Visit our website for more details
www.CommandAccess.com

Canada Customer Support
1-855-823-3002

PM300FlowDiagram

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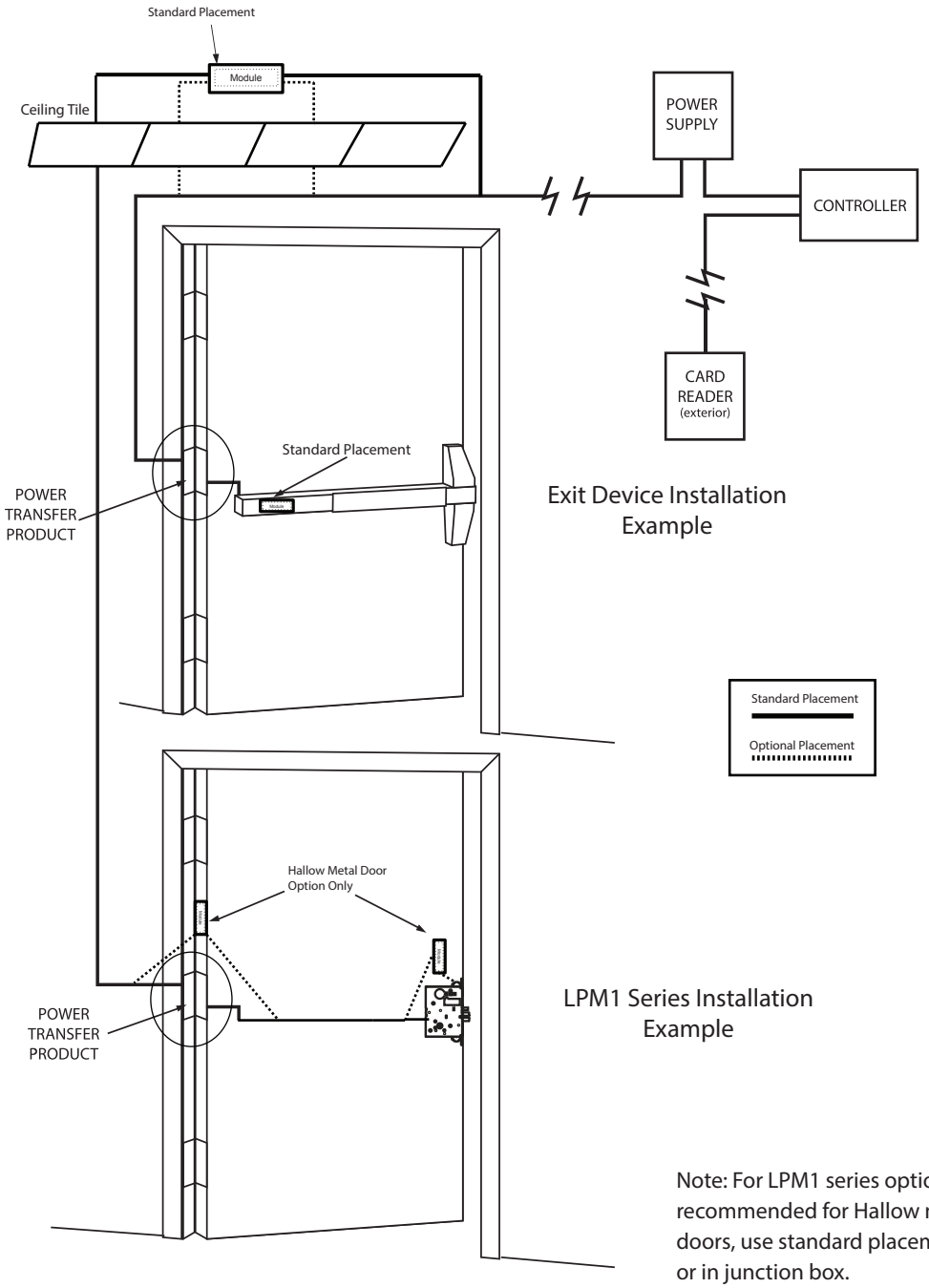


Exit Device Installation Example

LPM1 Series Installation Example

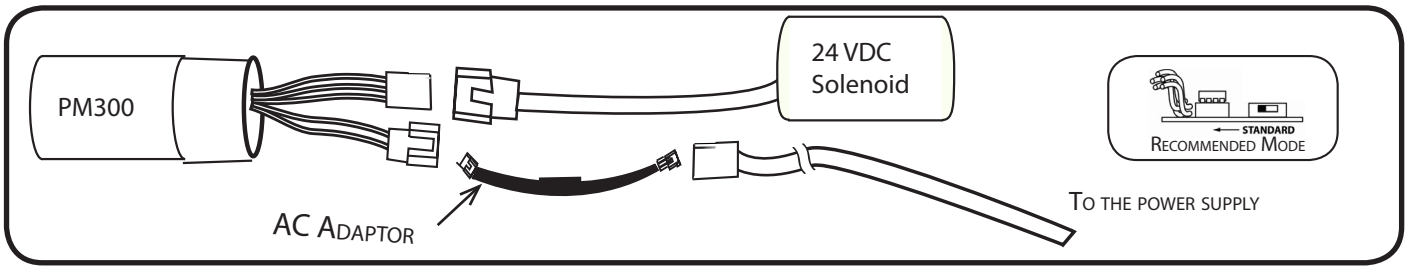
Note: For LPM1 series option placement is only recommended for Hallow metal doors. For wood doors, use standard placement above ceiling tile or in junction box.

Wire Run Guidelines:

For best results we recommend that your maximum wire run not exceed the following:

18ga.= 700'

16ga. = 1000'



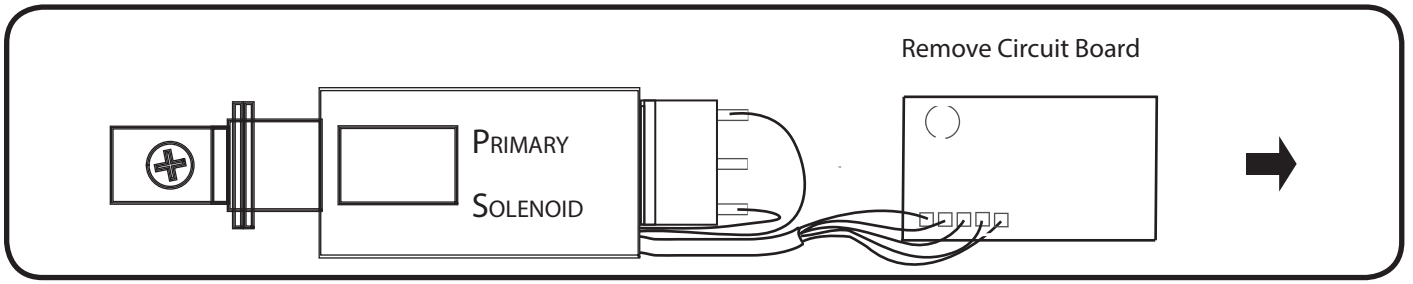
How to hook it up for other Manufactures Devices:

The unit comes with an easy plug-in 3 prong wire harness that to retrofits to the existing solenoid. There is a second easy plug-in 2 prong wire harness that connects to the power from the power supply. Connect the power lead to the positive and negative leads from the power supply & plug into AC Adaptor. Generic examples and specific retrofits are shown below.

Adams Rite wire connections instructions:

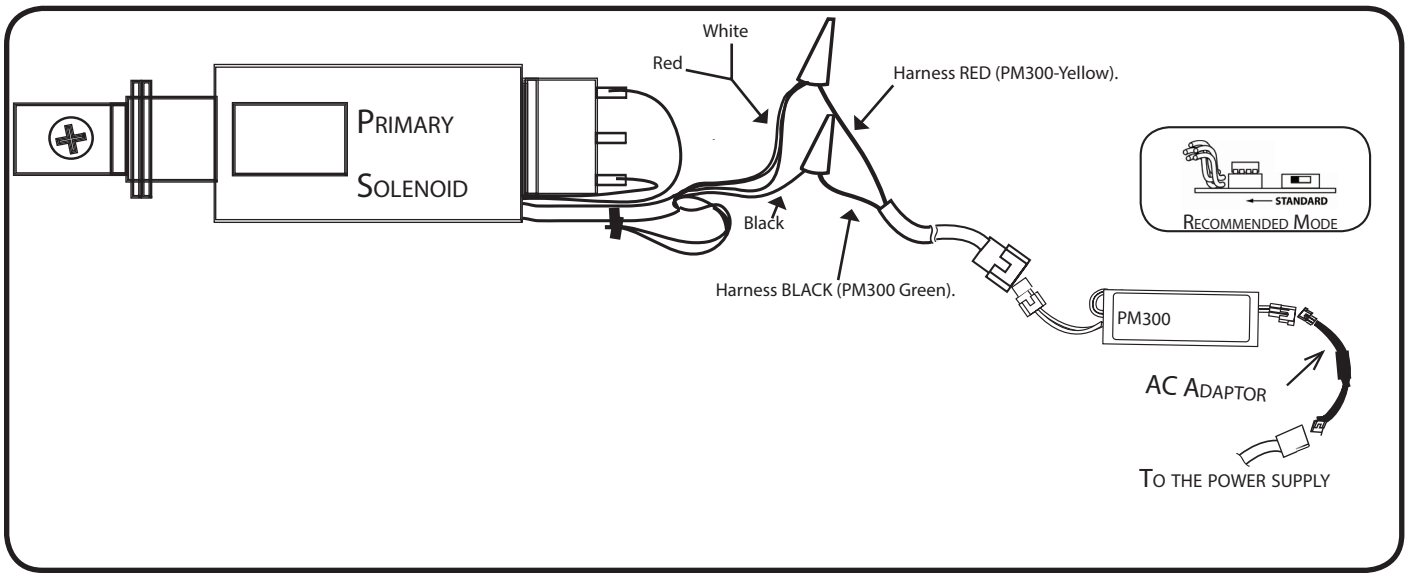
Remove pushbar and separate push pad from device to gain access to the solenoid/circuit board assembly.

A. Cut wires from Adams Rite Circuit board and remove board.



B. Tape back the two Blue wires.

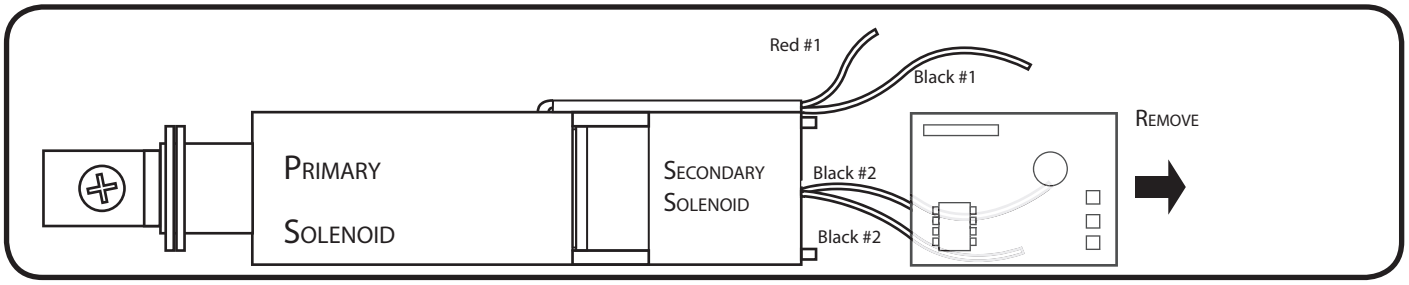
C. Connect White and Red wires from solenoid to RED wire from harness. Next, connect Black wire from solenoid to BLACK wire from harness. Next, connect the AC Adapter to Harness and PM300.



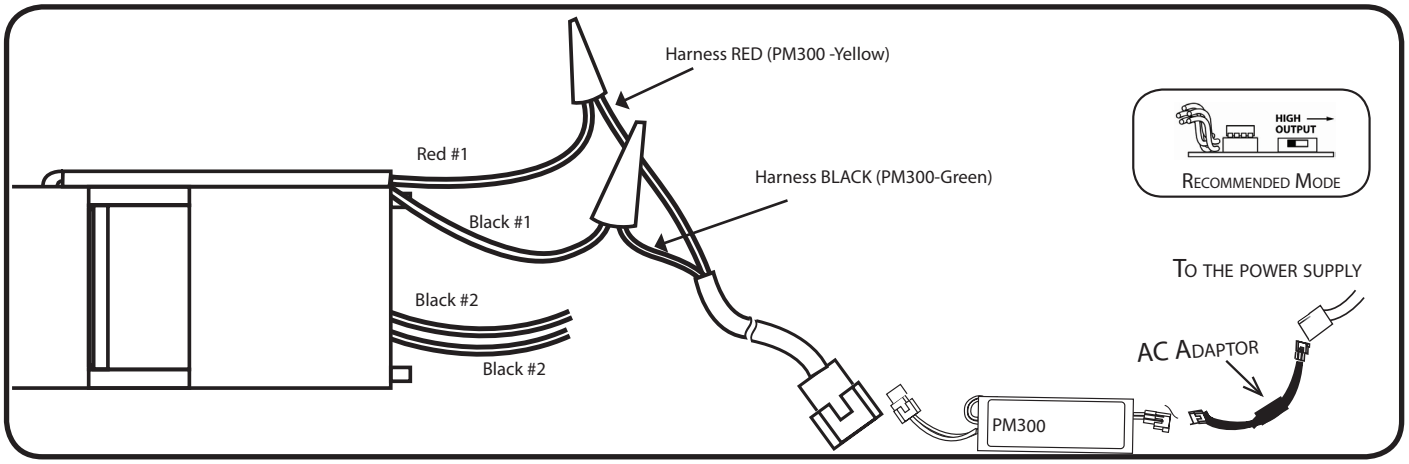
Corbin/Russwin wire connections instructions:

Remove pushbar and separate push pad from device to gain access to the solenoid/circuit board assembly.

A. Cut wires to disconnect solenoid from circuit board. Remove circuit board.



B. Connect Red #1 solenoid wire to RED harness wire. Next, connect Black #1to BLACK harness wire. Disregard the two Secondary Black wires. Next, connect the AC Adapter to Harness and PM300.



Precision wire connections instructions:

Remove pushbar and separate push pad from device to gain access to the solenoid/circuit board assembly.

A. Connect primary White #1 wire to WHITE harness wire. Next connect White #2 wire to BLACK harness wire. Disregard both Black #2 wires. Next, connect PM300.