Building Automation

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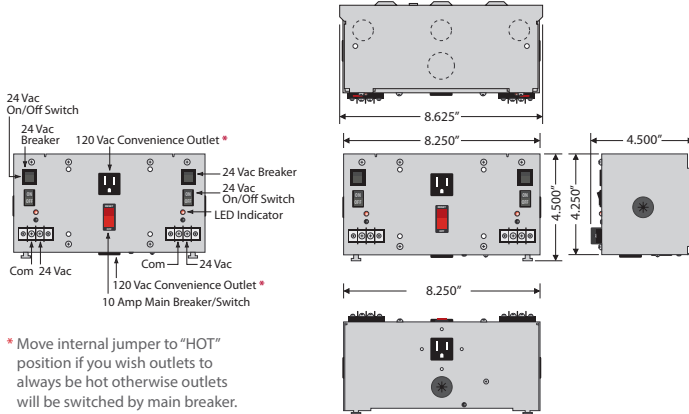**Toll Free:** (800) 888-5538 | **Office:** (765) 883-5538 | **Fax:** (765) 883-7505

AC POWER SUPPLIES

PSH100A100A Series
Dual 100 VA Power Supply, 120 Vac to 24 Vac, UL Class 2, Metal Enclosure

24 Vac On/Off Switch
24 Vac Breaker
120 Vac Convenience Outlet *
24 Vac Breaker
24 Vac On/Off Switch
LED Indicator
Com 24 Vac
Com 24 Vac
120 Vac Convenience Outlet *
10 Amp Main Breaker/Switch

8.625"
8.250"
4.500"
4.500"
4.250"
8.250"

* Move internal jumper to "HOT" position if you wish outlets to always be hot otherwise outlets will be switched by main breaker.

PSH100A100A SERIES SELECTION GUIDE

Model #	120 Vac Outlets	Aux Output Wire	Main Breaker on Input Power	Secondary Configuration
PSH100A100A	•			External Terminal Strip
PSH100A100AW	•			Internal Wires
PSH100A100AB10*	•	•	10 Amp Switch / Breaker	External Terminal Strip
PSH100A100AWB10*	•	•	10 Amp Switch / Breaker	Internal Wires

SPECIFICATIONS

Transformer:	Two 100 VA Split-Bobbin
Over Current Protection:	Circuit Breaker
Frequency:	50/60 Hz
24 Vac ON/OFF:	On / Off Switch & Breaker
Main Breaker ON/OFF:	Switch / Breaker (10 Amp) (Kills power to entire unit: Outlets, Aux. Output, & Transformer)* Total Combined Output 9A
Max. Ambient Temperature:	40° C
Approvals:	Class 2 (UL Approved UL5085-3), UL916, UL508, C-UL, CE, RoHS, Special ^ Seismic Certification of Equipment and Components: OSP-0201-10
Dimensions:	4.500˝ H x 8.625˝ W x 4.500˝ D
Origin:	Made of US and non-US parts

Input Wires:

"B10˝ Models Only	All Other Models
Input Power Wires	Primary Wires
BLK: 120 Vac	BLK: 120 Vac
WHT: Neutral	WHT: Common
GRN: Ground	

Outlet Wires
BLK: 120 Vac
WHT: Neutral
GRN: Ground

Output Wires:

"B10˝ Models Only	"W˝ Models Only
Auxiliary Output	Transformer Output
BLU: 120 Vac	WHT/YEL: 24 Vac
	WHT/BLU: Common

Notes:
• Output derating may exceed 20% due to elevated ambient temperature or heat buildup in device over time.
• Design is in accordance with ASCE 7-05 Chapter 13: ^
  https://hcai.ca.gov/wp-content/uploads/2020/10/OSP-0201.pdf
• Consult factory for OSP labeling