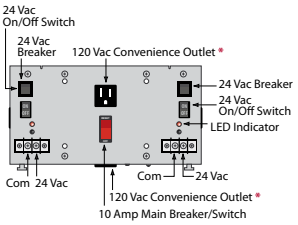
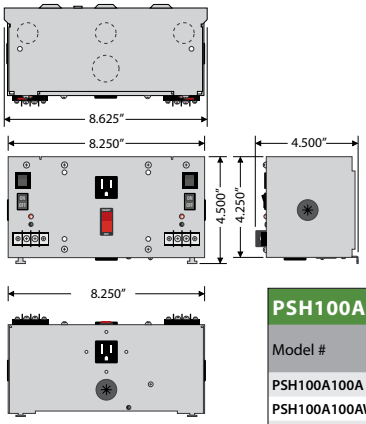
PSH100A100A Series

Dual 100 VA, 120 Vac to 24 Vac, UL Class 2, Metal Enclosure



* 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
Input Power Wires
BLK: 120 Vac
WHT: Neutral
GRN: Ground

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

All Other Models
Primary Wires
BLK: 120 Vac
WHT: Common

Output Wires: "B10˝ Models Only
Auxiliary Output
BLU: 120 Vac

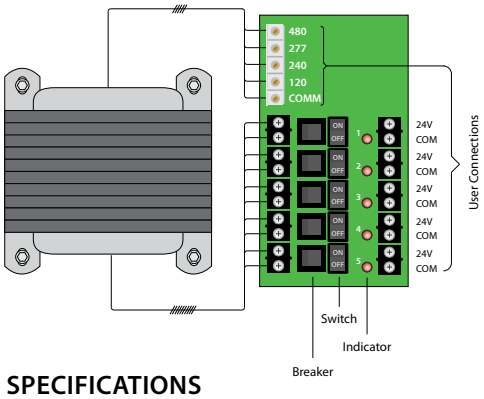
"W˝ Models Only
Transformer Output
WHT/YEL: 24 Vac
WHT/BLU: Common

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

AC POWER SUPPLIES

PSH500A

500 VA Power Supply, Five 100 VA Class 2 Outputs, 480/277/240/120 Vac to 24 Vac, Metal Enclosure



PSMN500A

500 VA Power Supply, Five 100 VA Class 2 Outputs, 480/277/240/120 Vac to 24 Vac, Polymetal Sub-panel Pre-Mounted



PSMN500A



PSH500A
Shown WithCover



PSH500A
Shown Without Cover

SPECIFICATIONS

Transformer: One (1) 500 VA
Over Current Protection: Circuit Breaker
Primary: 480/277/240/120 Vac
Frequency: 50/60 Hz
Dimensions: 12.125˝ H x 12.125˝ W x 6.000˝ D (PSH500A)
11.330˝ H x 11.400˝ W x 5.000˝ D (PSMN500A)
Origin: Made of US and non-US parts
Approvals: Class 2 (UL Approved UL5085-3), UL916, C-UL, CE, RoHS, Special
^ Seismic Certification of Equipment and Components: OSP-0201-10
Housing: NEMA1 Metal Enclosure (PSH500A)
Sub-Panel: Plenum Rated Polymetal (PSMN500A)

Notes:
- To order UL508, add "-IC" to end of model number.
- Primary voltage terminal cover available.
- 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

5 Secondaries:
24 Vac, with LED Indicators
4 Amp breaker for each output

24 Vac ON/OFF:
On / Off Switch & Breaker

Input:
480/277/240/120 Vac Finger-Safe Terminals, 8-18 AWG

Output:
5 Ungrounded, Isolated, 100 VA, Class 2, 24 Vac Outputs. Terminals accept 12-26 AWG wire.

Ambient Temperature Derating:
4A up to 40˚ C ; 3A up to 50˚ C ; 2A up to 55˚ C (When All 5 Outputs Operated Simultaneously)

- With 240 Vac primary input voltage
- When all 5 outputs operated simultaneously, at room temperature

Standby Wattage:
48.515 W @ 120 Vac
48.699 W @ 240 Vac
49.564 W @ 277 Vac
48.255 W @ 480 Vac

Full Load Primary Current:
4.66 A @ 120 Vac
2.41 A @ 240 Vac
2.06 A @ 277 Vac
1.17 A @ 480 Vac

Secondary Output Voltage vs. Load:
24.0 V @ 1 Amp
23.0 V @ 2 Amp
21.8 V @ 3 Amp
21.1 V @ 4 Amp