AC POWER SUPPLY
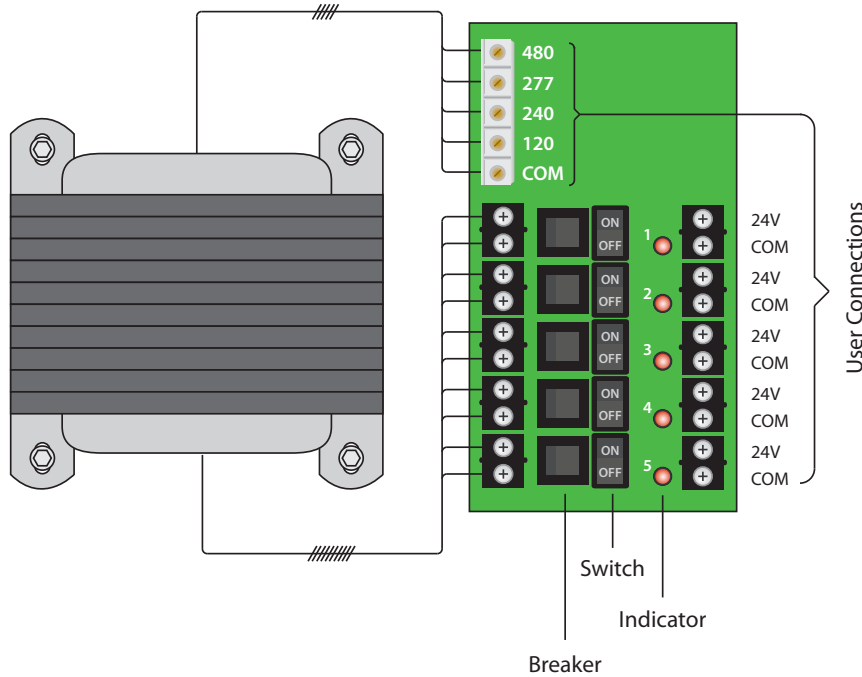
PSH500A
Enclosed 500VA Power Supply with Five 100VA Class 2 Outputs, 480/277/240/120 Vac to 24 Vac

PSMN500A
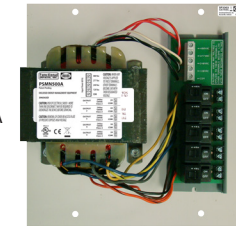Open Style 500VA Power Supply with Five 100VA Class 2 Outputs, 480/277/240/120 Vac to 24 Vac

480
277
240
120
COM

ON OFF — 1 — 24V / COM
ON OFF — 2 — 24V / COM
ON OFF — 3 — 24V / COM
ON OFF — 4 — 24V / COM
ON OFF — 5 — 24V / COM

User Connections

Breaker   Switch   Indicator

PSH500A Shown With Cover

PSH500A Shown Without Cover

PSMN500A

c(UL)us LISTED Class 2

CE

RoHS

Made in USA
Meets "Buy American" of ARRA 2009

POWER SUPPLIES

SPECIFICATIONS

Transformer:	One (1) 500 VA
Over Current Protection:	Circuit Breaker
Primary:	480/277/240/120 Vac
Frequency:	50/60 Hz
Dimensions:	12.125″ x 12.125″ x 6.000″ (PSH500A)
	11.330″ x 11.400″ x 5.000″ (PSMN500A)
Approvals:	Class 2 (UL Approved UL5085-3),
	UL916, UL508, C-UL, CE, RoHS, Special
	^ Seismic Certification of Equipment and
	Components: OSP-0201-10
Sub-Panel:	Plenum Rated Polymetal
	Sub-Panel (PSMN500A)
Housing:	NEMA1 Metal Enclosure (PSH500A)
Weight:	30.16 lbs. (PSH500A)
	20.60 lbs. (PSMN500A)

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)

Notes:
• To order UL508, add "-IC" to end of model number.
• Open style (PSMN500A) is mounted to sub-panel SP3303 for shipping. Sub-panel may be removed to suit application.
• Primary voltage terminal cover available. See model APS53-TC on page 141.
• Design is in accordance with ASCE 7-05 Chapter 13: ^ www.oshpd.ca.gov/FDD/Pre-Approval/OSP-0201-10.pdf

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

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

GREAT FOR VAV APPLICATIONS

102615