

Convert AC power into DC regulated power for use as a power supply in HVAC and building automation systems.

- Models available for 24 vac or 120 vac power input.
- Output adjustable from 1.5 - 28 vdc on 24 vac models.
- ON/OFF toggle switch option available.
- LED indication of Power ON status on all models.
- UL listed for Class II circuits.

APPROVALS: Class II UL listed; UL916; C-UL Canada.

MAXIMUM INPUT CURRENT:

PSP24DA, PSMN24DA, PSMN24DAS: 550 ma.

PSM24A24DAS: 950 ma.

PSM19A24DAS: 150 ma.

PSMN40A24DS: 400 ma.

RIPPLE: 0.0016% @ 24 vdc and maximum input current.

LOAD REGULATION: PSMN40A24FS = 0.5%

All other models = 0.04%.

LINE REGULATION: PSMN24A24DAS = 0.0080mv/v;

PSP24DA, PSMN24DA, PSMN24DAS = 0.0125v/v;

PSM19A24DAS = 0.625mv/v; PSMN40A24DS = 25mv/v.

OVERLOAD PROTECTION: Electrical and thermal.



PSP24DA



PSMN24DA,
PSMN24DAS



PSM24A24DAS,
PSM19A24DAS,
PSMN40A24DS

ON/OFF SWITCH: 2-Position toggle switch.

LED INDICATION: Illuminated when power ON.

OPERATING TEMPERATURE: -30° to 140°F (-34° to 60°C)



ELECTRICAL CONNECTIONS: PSP24DA: 16" leadwires;
All Other Models: Screw terminals.

DIMENSIONS: PSP24DA: 2.3" x 3.2" x 1.8" (5.8x8.1x4.6cm)
with 1/2" NPT nipple; PSMN24DA, PSMN24DAS: 1.75" x
2.75" x 1.5" (4.45x6.99x3.81cm); PSM24A24DAS,
PSM19A24DAS: 4" x 2.75" x 1.63" (10.2x6.99x4.14cm);
PSMN40A24DS: 5" x 2.75" x 2" (12.7x6.99x5.08cm).

Model	Voltage Input	Voltage Output	Output Current	On/Off Switch	Style
PSP24DA	24 vac, 50/60 Hz, Full Wave Rectified	24 vdc, (Adjustable 1.5 - 28 vdc), Non-Isolated ¹	300 ma @ 24 vdc, 125 ma @ 12 vdc, 116 ma @ 10 vdc	-----	Enclosure with 1/2" NPT Nipple
PSMN24DA				-----	
PSMN24DAS				Yes	Modular for Mounting in 2.75" wide Plastic Track ²
PSM24A24DAS	24 vac, 50/60 Hz	24 vdc, (Adjustable 1.5 - 28 vdc), Isolated	300 ma @ 24 vdc, 125 ma @ 12 vdc, 116 ma @ 10 vdc	Yes	Modular for Mounting in 2.75" or 4.00" wide Plastic Track ²
PSM19A24DAS	120 vac, 50/60 Hz			Yes	
PSMN40A24DS	120 vac, 50/60 Hz	24 vdc, Isolated	1 amp @ 24 vdc	Yes	Modular for Mounting in 2.75" wide Plastic Track ²

¹ Non-isolated output models require a separate ungrounded transformer when used in conjunction with 1/2 wave rectified power supplies; grounded 24 vac transformers; or when 24 vac and 24 vdc are connected in common.

² Section of mounting track included for individual unit mounting.

Accessories	Model	Description
 Track Mounting Holes on 2" Centers	MT4-2	4" wide Mounting Track; 2" (5.08cm) long section
	MT4-12	4" wide Mounting Track; 12" (30.48cm) long section
	MT-212-2	2.75" wide Mtg. Track; 2" (5.08cm) long section
	MT-212-12	2.75" wide Mtg. Track; 12" (30.48cm) long section
 18 Gauge Steel UL listed, ULC	MH1010	14.5"H x 7.7"W x 3.9"D Enclosure with 12" section of 4" wide mounting track installed; screw down cover
	MH1020	14.5"H x 7.7"W x 3.9"D Enclosure with 12" section of 2.75" wide mounting track installed; screw down cover
	MH3510	24.5"H x 10.2"W x 3.9"D Enclosure with 24" section of 4" wide mounting track installed; hook hinge key latch cover
	MH3520	24.5"H x 10.2"W x 3.9"D Enclosure with 24" section of 2.75" wide mounting track installed; hook hinge key latch cover.