

# RHINO PSC Series Power Supplies Specifications

## NEC Class 2 Compliant Supplies



PSC-05-012, PSC-12-015,  
PSC-24-015



PSC-12-030, PSC-24-030

The RHINO PSC series power supplies are plastic low-profile housed switching supplies available in 5, 12 and 24 VDC adjustable output models. There are 8 models with power ratings from 12W to 90W. They have an integral DIN Rail mounting adapter and feature universal 120/240 VAC input voltage, adjustable DC output, DC-OK LED indication, and output current limitation.

The RHINO PSC series of switching power supplies provide tightly regulated output voltage for sensitive loads in industrial, commercial and residential environments. The plastic housing is lightweight and low-profile, designed to fit in shallow depth control panels often used in the building automation industry. Screw terminals are provided for simple and speedy wiring terminations.

The RHINO PSC series is both UL508 listed for demanding industrial applications and UL1310 recognized for NEC Class 2 compliance in industrial, commercial and residential applications.

## Features

- Low-profile housing - only 2.15 inches (55mm) deep (MCB form factor)
- 5, 12, 24VDC adjustable outputs
- Output power ratings from 12 to 90W
- Integral DIN rail mounting adapter
- Universal input voltage range 120/240 VAC
- Tight output voltage regulation
- DC-OK LED indication
- UL508 Listed
- UL1310 Recognized for NEC Class 2 compliance
- CE compliant
- RoHS compliant



PSC-12-060, PSC-24-060



PSC-24-090



Input Specifications						
Part Number	Input Voltage Range	Input Frequency Range	Input Current (Typical) at full load		Efficiency (Typ @ 115VAC)	C-Curve Circuit Breaker or Slow-blow Fuse
			115 VAC	230 VAC		
PSC-05-012	100-240VAC - Nominal  85 to 264VAC - Universal (output power derating 5% / V for operation below 90 VAC)	47-63 Hz	0.25A typ.	0.17A typ.	76%	6.0 A
PSC-12-015			0.29A typ.	0.20A typ.	78%	
PSC-24-015					79%	
PSC-12-030					81%	
PSC-24-030					84%	
PSC-12-060					83%	
PSC-24-060					85%	
PSC-24-090					87%	

Output Specifications								
Part Number	Price	Output Voltage	Output Volt. Adjust. Range	Output Current (Max.)	Output Power (Max.)	Hold-Up Time		MTBF (IEC 1709 @ 25°C)
						115 VAC	230 VAC	
PSC-05-012		5.0VDC	5.0 to 5.2VDC	2.4A	12 Watt	minimum 10 ms	minimum 20 ms	1,600,000 hours
PSC-12-015		12.0VDC	12.0 to 16.0VDC	1.25A	15 Watt			
PSC-24-015		24.0VDC	24.0 to 28.0VDC	0.63A				
PSC-12-030		12.0VDC	12.0 to 16.0VDC	2.5A	30 Watt			1,300,000 hours
PSC-24-030		24.0VDC	24.0 to 28.0VDC	1.25A				
PSC-12-060		12.0VDC	12.0 to 16.0VDC	4.5A	54 Watt			2,100,000 hours
PSC-24-060		24.0VDC	24.0 to 28.0VDC	2.5A	60 Watt			
PSC-24-090		24.0VDC		3.75A	90 Watt			

