

Kinco PS Series 24VDC Power Supply

PS-2401、PS-2402、PS-2405



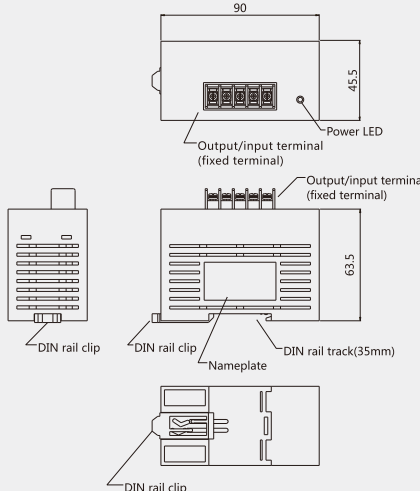
Features :

- DIN-Rail installation, more convenient
- Extreme compact size saves installation space
- Wide range of input voltage: 100~240VAC
- Short-circuit protection
- No load power consumption: <0.75W
- 100% full load aging test



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Model		PS-2401	PS-2402	PS-2405	Dimensions (Unit: mm)
Output	DC Voltage	24V	24V	24V	PS-2401, PS-2402 
	Rated Current	1A	2.5A	5A	
	Current Range	0~1A	0~2.5A	0~5A	
	Rated Power	24W	60W	120W	
	Ripple & Noise(max) ²	80mVp-p	120mVp-p	200mVp-p	
	Voltage Tolerance	±2%			
	Line Regulation	±1%			
	Load Regulation	±2%			
	Setup Time ¹	500mS/230V 1000mS/115V @ full load			
	Rise Time ¹	30mS @ full load			
Input	Hold Up Time (typ.)	50mS/230V 20mS/115V @ full load			
	Voltage Range	100~240VAC 120~370VDC			
	Frequency Range	47~63Hz			
	Efficiency (typ.)	88%	89%	88%	
	Ac Current(max.)	< 0.55A	< 1.2A	< 2.3A	
	Inrush Current(typ.)	Cold start 20A/115VAC 40A/230VAC			
	Leakage Current	<1mA/240VAC			
Protection	Short Circuit	Hiccup Mode, Recovers automatically after fault condition is removed.			
Environment	Working Temp.	-20°C ~ +70°C (Refer to Derating curve)			
	Working Humidity	20 ~ 90% RH Non-condensing			
	Storage Temp.	-40°C ~ +850°C			
	Storage Humidity	10 ~ 95% RH			
Safety & EMC	Safety Standards	EN60950-1 approved			
	Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
	Emc Emission	Compliance to EN55022 (CISPR22) CLASS B , EN61000-3-2,-3			
	Emc Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11 EN61000-6-1 cirteria A			
Others	Dimension(L*H*W)	90*63*45mm		125*99*55mm	
	Weight	160g		450g	
Note :	1. All parameters NOT specially mentioned are measured at 230VAC input ,rated load and 25°C of ambient temperature. 2. Ripple and noise are measured @ 20MHz of bandwidth by using 12" twisted pair-wire terminated with a 0.1uf & 47uf capacitor.				