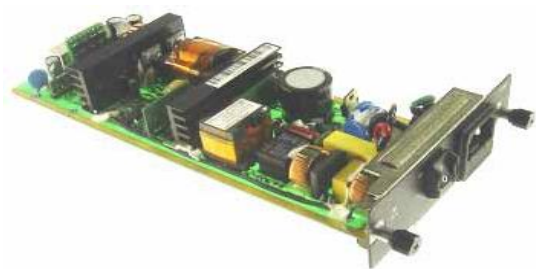


EPN-126W Series



特点

- * 外形尺寸: 230.0×85.6×37.0 mm
- * 宽输入电压范围
- * 单、双、三路路输出
- * 嵌入式机箱安装结构

Features

- * Size: 9.055×3.37×1.457 inches
- * Wide Input Voltage Range
- * Single,Dual, Triple Output
- * Cassette—type

输入特性(Input)

注释(Notes and Conditions)

输入电压范围(Input Voltage Range)	90~290Vac	310Vac Max
启动冲击电流(Inrush current)	40A	Vinom/Ionom/Cold-start
输入频率(Input Frequency)	40~60Hz	

输出特性(Output)

注释(Notes and Conditions)

输出电压标称值 (Output Voltage Nominal)	Vo1:3.4Vdc;Vo2:12.0Vdc	
输出电压精度(Voltage Set-Point Accuracy)	Vo1:±2%;Vo2:±2%	
输出电流标称值 (Output Current Nominal)	Vo1:12A;Vo2:7.7A	
源效应(Line Regulation)	Vo1:±1%;Vo2:±1%	Vimin~Vimax, Ionom
负载效应(Load Regulation)	Vo1:±2%;Vo2:±3%	10%~100%Ionom, Vinom
输出过压保护点 (Output Overvoltage Protection)	Vo1:3.7-5.1V Vo2:13.2-15.6V	
短路保护(Short-Circuit Protection)	间歇自恢复(auto-restart)	
输入过压保护点 (Input OVLO Turn-off Thrshhold)	290Vac~310Vac	
输入过压恢复点 (Input OVLO Turn-on Thrshhold)	280Vac~300Vac	
输入欠压保护点 (Input UVLO Turn-off Thrshhold)	68Vac~78Vac	
输入欠压恢复点 (Input UVLO Turn-on Thrshhold)	78Vac~88Vac	
输出过流保护点(Output over current protection)	110%-150%	3.3Vout
过温保护 (Over Temperature Protection)	自恢复(auto-restart)	
上电启动时间 (Turn on Time)	2smax	
瞬态响应(Dynamic Response)		
过冲幅度(Peak Deviation)	±5%	25%-50%-25% of Ionom and 50%-75%-50% of Ionom
恢复时间(Settling Time)	200 μ S	
输出纹波及噪声峰峰值 (Output Ripple and Noise)	Vo1:50mV;Vo2:200mV	
功率因数 (Power Factor)	>0.95	Ionom

一般特性(General)

注释(Notes and Conditions)

温度系数(Temperature Coefficient)	±0.05%/℃	
工作环境温度(Ambient Temperature)	-25℃~65℃	
贮存温度(Storage Temperature)	-40℃~85℃	
平均故障间隔时间(MTBF)	1×10 ⁶ h	Bellcore TR-332 (Ta=25℃)
效率 (Efficiency)	>80%	Vinom;Ionom
绝缘电阻(Isolation Resistance)	≥100MΩ	
隔离电压(Isolation Voltage)		
输入与输出(Input-Output)	3000Vac 1min	
输入与外壳 (Input-Case)	1500Vac 1min	
输出与外壳(Output-Case)	500Vac 1min	

EMC

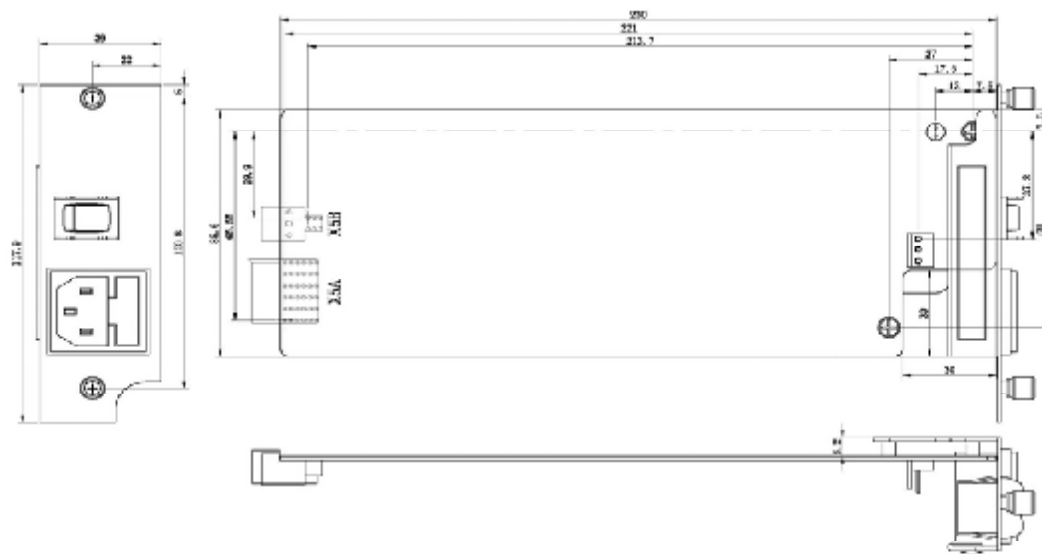
传导发射 (CE)	EN55022 CLASS B
辐射发射 (RE)	EN55022 CLASS B
浪涌抗扰度 (Surge)	L-N: 4KV; L-P: 6KV
静电放电抗扰 (ESD)	接触放电(Contact)6KV,空气放电(Air)8KV
电快速瞬变脉冲群抗扰度 (EFT)	±2KV,5KHz

注: 除非另有说明, 指标一般在标称输入电压、满载和25℃环境温度。

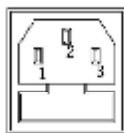
Note: All specifications are typical at nominal input, full load at 25℃, unless otherwise stated.

安装尺寸 (Mechanical Drawing)

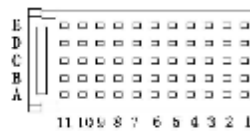
尺寸单位是mm; All Dimensions in mm



输入插座 (Input Jack)



X5A



X5B



序号 (No.)	1	2	3
定义 (Definition)	L	R	N

序号 (No.)	A	B	C	D	E	F
1	FAVOC1	FAVOC2	FAVOC3	FAVOC4	12V	GND
2	12V	12V	12V	12V	12V	GND
3	GND	GND	GND	GND	GND	GND
4	GND	GND	GND	GND	GND	GND
5	FAVCTR1	FAVCTR2	FAVCTR3	FAVCTR4		GND
6	12V	12V	12V	12V	12V	GND
7	---	---	---	POWER GND	ADPTING 5V	GND
8	GND	GND	GND	GND	GND	GND
9	GND	GND	GND	GND	GND	GND
10	GND	GND	GND	GND	GND	GND
11	GND	GND	GND	GND	GND	GND

序号 (No.)	1
定义 (Definition)	3.4V

温度降额曲线 (Temperature Derating Curve)

