

DPS1-WI-120W电源 DPS1-WI-120W Power Supplies



特点

- 单相或两相超宽输入范围180~550VAC
- 保护：短路/过载/过压/过温
- 内置DC OK继电器触点
- 内置恒流限制电路
- 三年保修

Features

- Single or Two Phase Ultra Wide Input Range 180~550VAC
- Protection: Short Circuit/Overload/Over Voltage/Over Temperature
- Built-in DC OK Contact
- Bulit-in Constant Current Limiting Circuit
- Three Years Warranty

规格参数 Specification

品名 Product name	DPS1-WI-120W-D12-02A(H)	DPS1-WI-120W-D24-02A(H)	DPS1-WI-120W-D48-02A(H)
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输入参数 Input Parameter

输入电压范围 Input voltage range	180 ~ 550VAC 254 ~780VDC		
输入频率范围 Input frequency range	47...63Hz		
输入电流 Input Current	0.4A/400Vac 1.2A/230Vac		
冲击电流 Impulse current	冷启动50A COLD START 50A		
待机功耗 Power consumption	3W		
接线方式 Connection mode	接线端子 Terminal blocks		

输出参数 Output Parameter

输出效率 Output efficiency	89.5%/400Vac	91.0%/400Vac	92.0%/400Vac
额定输出电压 Output rated voltage	12V	24V	48V
输出电压可调节范围 Range of output voltage	12~15V	24~29V	48~58V
额定输出电流 Output rated current	10A	5A	2.5A
额定输出功率 Rated power	120W		
电压纹波输出(20MHz) Voltage ripple (20MHz)	120 mVp-p	120 mVp-p	150 mVp-p
启动，上升时间 Setup , Rise time	1000ms ,70ms /400VAC at full load 2000ms ,70ms /230VAC at full load		
线性调节率 Line regulation	±0.5%		
负载调节率 Load regulation	±0.5%		
漏电流 Leakage current	<3.5mA/ 530Vac		
温度漂移系数 Coefficient of temperature drift	±0.03%/°C(0~50°C)		
掉电保持时间 Power-down hold time	18ms /400VAC at full load 18ms /230VAC at full load		
开关频率 Switching frequency	50Khz~80Khz		
接线方式 Connection mode	接线端子 Terminal blocks		

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机械参数 Mechanical Parameter

尺寸(L x W x D) Size (L X W X D)	40×113×125mm
重量 Weight	0.65kg
外壳材质 Shell material	金属 Metal
DC 指示灯 DC light	OK
DC OK 继电器 DC OK contact	30VDC 1A 阻性负载 30VDC 1A resistive load

环境参数 Environmental Parameter

工作温度 Working temperature	-25~+70 °C (参考“减额曲线”) -25 ~ +70 °C (Refer to "Derating Curve ")
存储温度 Storage temperature	-40°C ~ + 85°C
存储湿度 Storage humidity	10~95%RH非冷凝 10 ~ 95% RH non-condensing
工作湿度 Working humidity	20~95%RH非冷凝 20 ~ 95% RH non-condensing
振动测试 Vibration test	组件：10~500Hz，2G 10min/1个周期，60分钟。每个沿着X、Y和Z轴；安装夹：符合IEC60068-2-6。 Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each alongX,Y Z axes; Mounting clip: Compliance to IEC60068-2-6.
运行海拔高度 Operational altitude	2000米 2000m

安全保护参数 Security Parameter

过流保护范围 Overcurrent protection range	105~130%额定输出功率保护类型：恒流限制，故障条件消除后自动恢复 105 ~ 130% rated output power Protection type : Constant current limiting, recoversautomatically after fault condition is removed		
过压保护 Overvoltage protection	15~17V	29~33V	58~65V
	保护类型：关闭o/p电压，重新通电恢复 Protection type : Shut down o/p voltage, re-power on to recover		
过温保护 Overheat protection	关闭o/p电压，温度下降后自动恢复 Shut down o/p voltage, recovers automatically after temperaturegoes down		
短路保护 Short circuit protection	自恢复 Self-recovery		
安全标准 Safety standard	UL61010-1,UL61010-2-201,BS EN/EN62368-1		
平均故障间隔时间 Mean Time between failures	1600K hrs min. Telcordia SR-332 (Bellcore)		

产品尺寸图 Dimensional Drawing

