



MAC Series (5~15W) 宽电压隔离系列

特性 Features

- 宽电压输入范围 Wide range of input voltage
- 输入宽频噪声滤波 Broadband noise filter of input
- 引出脚功能兼容 Pin function compatible
- 输出短路保护 Output short circuit protection
- 快速动态响应 Fast dynamic response
- 符合UL1950、IEC950安全规程 Comply with UL1950、IEC950 safety regulation



输入特性 Input Characteristic

电压范围 (Voltage Range)	220VAC (额定值)	85~265VAC 100~370VDC
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输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	Vo1: ±1% Vo2、Vo3: ±3%	温度系数 (Temperature Coefficient)	±0.02%/°C
电压调整率 (Line Regulation)	±1%	电流限制点 (Output Current Limiting)	120%(Typ)
负载调整率 (Load Regulation)	<0.5%	响应速度 (Dynamic Response)	400 μs

一般特性 General Characteristic

工作频率 (Switching Frequency)	50~100 KHz	环境特性(Environmental Characteristics)
绝缘电阻(Isolation Resitstance)	200 MΩ	工作温度(Operation Temperature)
MTBF	>500000 H	工业品(Industry) -25°C ~ +60°C
绝缘强度(Isolation Voltage)		军品I(Military I) -40°C ~ +70°C
输入-输出(Input-Output)	>2000VAC/1min(漏电流<5mA)	存储温度(Storage Temperature)
输入-外壳(Input-Case)	>2000VAC/1min(漏电流<5mA)	工业品(Industry) -45°C ~ +105°C
输出-外壳(Output-Case)	>500VDC/1min	军品I(Military I) -55°C ~ +105°C

型号 Models

型号 Models	输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
MAC(S)5-S05W	220	85~265 (100~370VDC)	5	1	50	79%
MAC(S)5-S12W			12	0.42	100	80%
MAC(S)5-S24W			24	0.21	100	82%
MAC(S)5-D05W			±5	±0.5	50/50	79%
MAC(S)5-D12W			±12	±0.21	100/100	79%
MAC(S)5-S5S12WI			5/12	0.6/0.16	50/100	82%
MAC(S)5-S5S5WI			5/5	0.6/0.4	50/50	79%
MAC(S)5-S5D12W			5/ ±12	0.6/ ±0.08	50/100/100	82%
MAC(S)5-S5D15W			5/ ±15	0.6/ ±0.07	50/100/100	82%

AC-DC 插针式电源模块系列

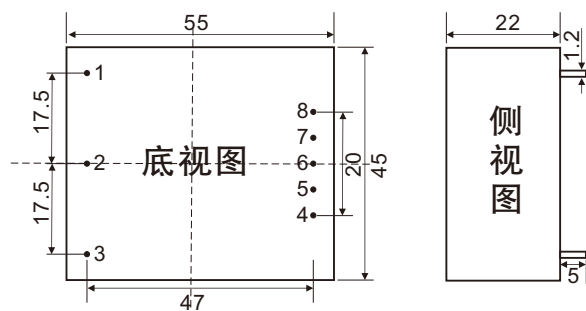
型号 Models	输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
MAC(S)10-S05W	220	85~265 (100~370VDC)	5	2	50	79%
MAC(S)10-S12W			12	0.83	100	81%
MAC(S)10-S24W			24	0.42	200	83%
MAC(S)10-D05W			±5	±1	50/50	79%
MAC(S)10-D12W			±12	±0.42	100/100	82%
MAC(S)10-S5S12WI			5/12	1.5/0.2	50/100	82%
MAC(S)10-S5S5WI			5/5	1.5/0.5	50/50	82%
MAC(S)10-S5D12W			5/±12	1/±0.21	50/100/100	81%
MAC(S)10-S5D15W			5/±15	1/±0.17	50/100/100	81%
MAC(S)15-S05W			220	85~265 (100~360VDC)	5	3
MAC(S)15-S12W	12	1.25			100	81%
MAC(S)15-S24W	24	0.625			100	83%
MAC(S)15-D05W	±5	±1.5			50/50	79%
MAC(S)15-D12W	±12	±0.625			100/100	82%
MAC(S)15-S5S12WI	5/12	2/0.42			50/100	82%
MAC(S)15-S5S5WI	5/5	2/1			50/50	82%
MAC(S)15-S5D12W	5/±12	2/±0.21			50/100/100	81%
MAC(S)15-S5D15W	5/±15	2/±0.17			50/100/100	81%

说明: 仅列出典型型号, 其他型号, 请确定功率、输入电压及输出电压, 致电我公司0571-88915820

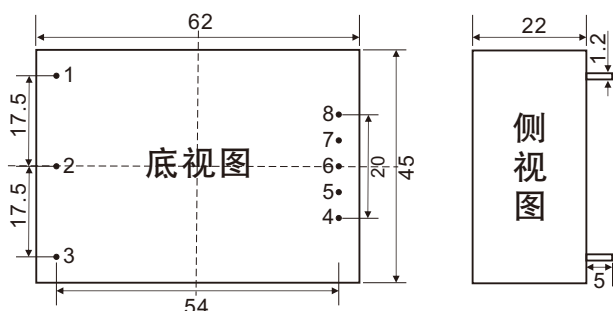
Only typical models listed. If you need other model, please conform the power, input voltage and output voltage, then phone us.

外形尺寸及引脚定义(单位mm) Mechanical drawing and pin definition

MAC(S) 5W尺寸: 55×45×22mm



MAC(S)10~15W尺寸: 62×45×22mm



引脚	单路	双路共地	双路隔离	三路共地
1	L	L	L	L
2	N	N	N	N
3	FG	FG	FG	FG
4	GND	Vo2-	GND1	GND1
5	NC	NC	Vo1+	Vo1+
6	NC	COM	NC	Vo3-
7	NC	NC	GND2	COM
8	Vo+	Vo1+	Vo2+	Vo2+