



MAE Series (30~80W) 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
- 输入浪涌电流抑制电路 Surge suppress circuit of input
- 输出短路保护 Output short circuit protection
- 快速动态响应 Fast dynamic response
- 外观设计美观 Attractive outline design
- 接线端子出线方式 Terminal connection method
- 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)	176~264VAC
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输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	Vo1: ±1%	温度系数 (Temperature Coefficient)	±0.01%/°C
电压调整率(主路) (Line Regulation<main>)	±0.2%	电流限制点 (Output Current Limiting)	120%(Typ)
负载调整率(主路) (Load Regulation<main>)	<0.4%	响应速度 (Dynamic Response)	400 μs

一般特性 General Characteristic

工作频率 (Switching Frequency)	100~200 KHz	环境特性(Environmental Characteristics)	
绝缘电阻(Isolation Resistance)	200 MΩ	工作壳温 (Case Temperature)	
MTBF	>500000 H	工业品(Industry)	-25°C ~ +85°C
绝缘强度(Isolation Voltage)		军品I(Military I)	-40°C ~ +85°C
输入-输出(Input-Output)	>1500VAC/1min(漏电流 <5mA)	军品II(Military II)	-55°C ~ +85°C
输入-外壳(Input-Case)	>1500VAC/1min(漏电流 <5mA)	存储温度(Storage Temperature)	
输出-外壳(Output-Case)	>500VDC/1min	工业品(Industry)	-45°C ~ +105°C
主路-副路(Main-Vice)	>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
单 路	220	176~264	5	20	50	81
			12	6.25	120	83
			24	3.13	200	83

AC-DC 端子式电源模块系列

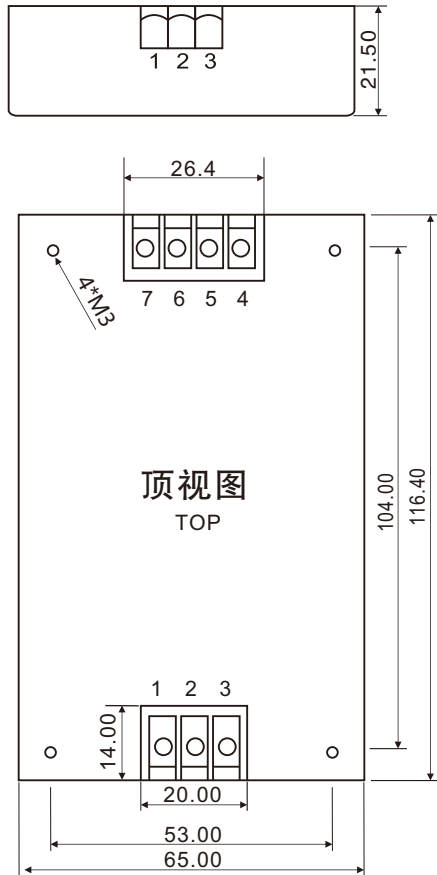
型号 Models		输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
双 路	MAE50-220D05&12	220	176~264	5/12	6/1.25	50/120	81%
	MAE50-220D05&24			5/24	7.6/0.5	50/200	81%
	MAE75-220D12&24			12/24	3/1.63	120/200	86%
三 路	MAE30-220T05&12	220	176~264	± 5/12	± 2/0.83	50/50/120	81%
	MAE75-220T12&05			± 12/5	± 2.3/4	120/120/50	84%
	MAE75-220T12&24			± 12/24	± 2/1.13	120/120/200	86%

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

MAE (30~80W)尺寸: 116.4×65×21.5mm



引脚	单路	双路隔离	双路共地	三路
1	Gr.	Gr.	Gr.	Gr.
2	Acin	Acin	Acin	Acin
3	Acin	Acin	Acin	Acin
4	+Vo	+Vo1	+Vo1	+Vo1
5	+Vo	+Vo1	GND	GND
6	-Vo	-Vo2	+Vo2	+Vo2
7	-Vo	-Vo2	NC	-Vo3