

# CFBA100 Series

AC-DC module converter



## AC/DC便装电源

### 典型性能 FEATURES

◆ 100瓦功率输出 (100Watts of Output Power)

◆ 单,双路输出(Single,Dual Outputs)

◆ 宽电压输入 (Wide Input Range)

◆ 六面金属屏蔽封装 (six sides metal encapsulation)

◆ 接线端子出线方式 (Terminal terminal)

## 电气特性

ELECTRICAL SPECIFICATIONS

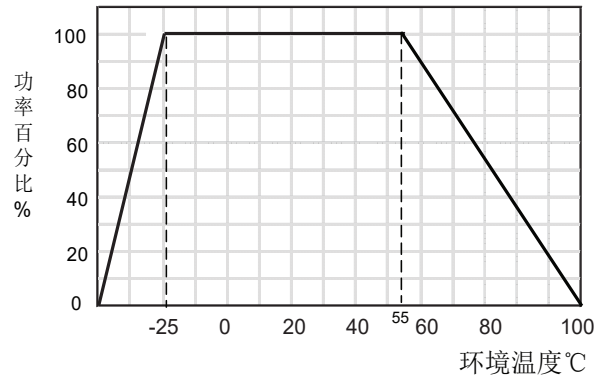
输入特性Input	Min	Nom	Max	Notes
输入电压Vac Input Voltage	165(200Vdc)	220	265(375Vdc)	
输入频率Hz Input Frequency	45		65	
<b>输出特性Output</b>				
输出电压精度 Setpoint Accuracy		±1%		Vo1
源效应 Line Regulation			±0.2%	
负载效应 Load Regulation			±0.5%	
纹波与噪声 Ripple and Noise			50mVp-p 100mVp-p 200mVp-p	Vo≤5Vdc Other Vo≥48Vdc
温度系数 Temperature Coefficient		±0.1%/°C		
<b>综合特性General</b>				
隔离电压 Isolation Voltage			2500Vac/1min/5mA 1500Vac/1min/5mA 500Vdc/1min/5mA	Input-Output Input-Case Output- Case
开关频率 Switching Frequency	60KHz		100KHz	
MTBF		3×10 <sup>5</sup> h		
工作环境温度(满载不降额) Case Temperature	-25°C -40°C		+55°C +70°C	Military 工业级 Military PJ 普军级
储存温度 Storage Temperature	-55°C		+125°C	
相对湿度 Relative Humidity	10%		90%	
短路保护 Short-Circuit Protection	短路自恢复 Continuous, Automatic Recovery			

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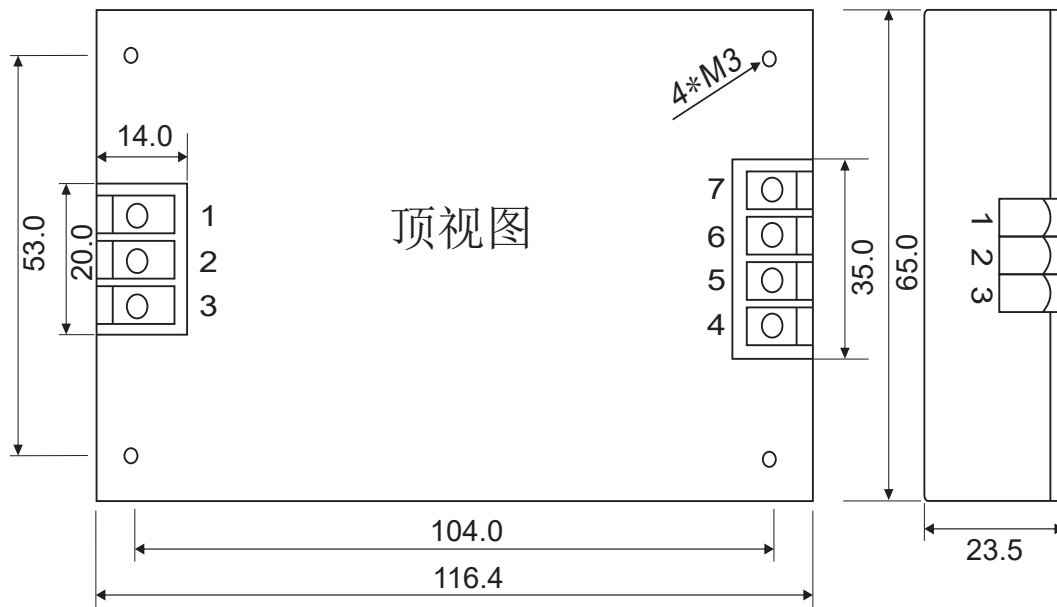
型号 Model	输入电压(Vac) Input Voltage	输出电压(Vdc) Output Voltage	输出电流(A) Output Current	效率 Efficiency
CFBA100S05N	165~265	5.05	20	87%
CFBA100S12N	165~265	12	8.33	89%
CFBA100S15N	165~265	15	6.66	89%
CFBA100S24N	165~265	24	4.16	89%
CFBA100S48N	165~265	48	2.08	89%

## 温度/功率降额曲线



## 机械图及管脚说明

(MECHANICAL CHART,PINS)(Unit:mm/inch)



管脚编号	1	2	3	4	5	6	7
单路	FG	N	L	+Vo	+Vo	-Vo	-Vo
双路共地	FG	N	L	+Vo1	COM	COM	-Vo2
双路隔离	FG	N	L	+Vo1	-Vo1	+Vo2	-Vo2