

CFAG25-30 Series

AC-DC module converter



典型性能 FEATURES

- ◆ 25-30瓦功率输出 (25-30Watts of Output Power)
- ◆ 单路输出 (Single Outputs)
- ◆ 100-460V宽电压输入 (Wide Input Range)
- ◆ 高隔离电压 (2500Vac Isolation)
- ◆ 小型化封装 (Small Package)
- ◆ PCB、导轨式等安装方式

电气特性

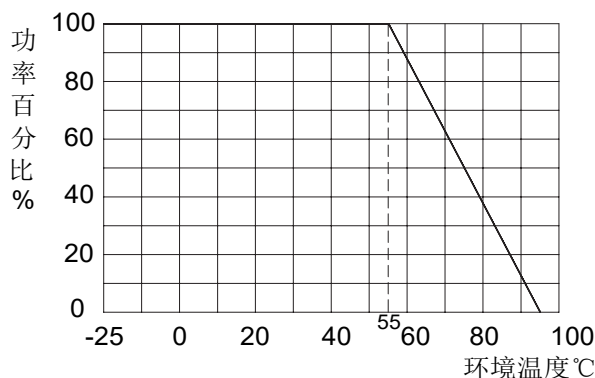
ELECTRICAL SPECIFICATIONS

输入特性Input	Min	Nom	Max
输入电压Vac Input Voltage	100(150Vdc)	380	460(650Vdc)
输入频率Hz Input Frequency	45		65
输出电压精度 Setpoint Accuracy		±1%	Vo1
		±3%	Vo2
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%/℃	
综合特性General			
隔离电压 Isolation Voltage		2500Vac/1min/5mA 1500Vac/1min/5mA 500Vac/1min/5mA	Input-Output Input-Case Output- Case
开关频率 Switching Frequency	60KHz		100KHz
MTBF		3×10 ⁵ h	
工作环境温度 (满载不降额) Storage Temperature	-25℃ -40℃ -40℃	+55℃ +70℃ +70℃	Industry Military GS Military PJ
储存温度 Storage Temperature	-55℃	+125℃	工业级 军品筛选级 普军级
相对湿度 Relative Humidity	10%	90%	
短路保护 Short-Circuit Protection	短路自恢复 Continuous, Automatic Recovery		

	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
25W单路	CFAG25S05(Z)	100~460	Vo1/Vo2/Vo3 5.05	Io1/Io2/Io3 5	80%
	CFAG25S12(Z)	100~460	12	2.08	84%
	CFAG25S15(Z)	100~460	15	1.67	84%
	CFAG25S18(Z)	100~460	18	1.38	84%
	CFAG25S24(Z)	100~460	24	1.04	84%
	CFAG25S48(Z)	100~460	48	0.52	85%
30W单路	CFAMG30S05(Z)	100~460	5.05	6	80%
	CFAMG30S12(Z)	100~460	12	2.5	84%
	CFAMG30S15(Z)	100~460	15	2	84%
	CFAMG30S18(Z)	100~460	18	1.66	84%
	CFAMG30S24(Z)	100~460	24	1.25	84%
	CFAMG30S48(Z)	100~460	48	0.625	85%

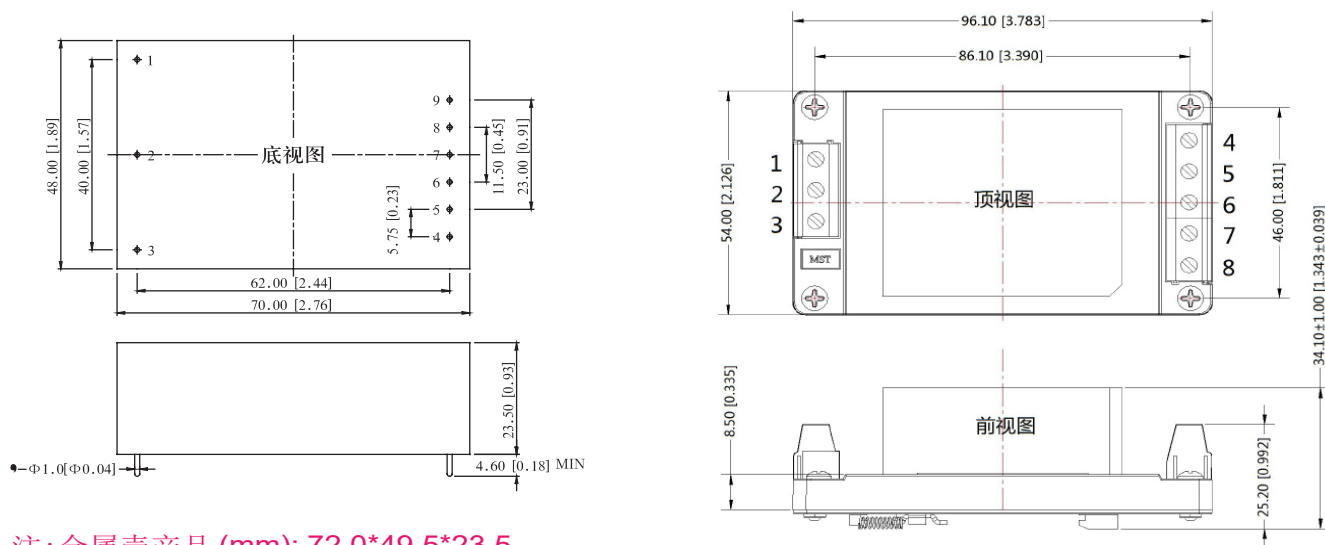
注：尾缀Z:带转接底座，可选配

温度/功率降额曲线



机械图及管脚说明

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



注：金属壳产品 (mm): 72.0*49.5*23.5