

YA3 Series



输入特性Input

	Min	Nom	Max	Notes
输入电压Vac Input Voltage	165(200Vdc) 85(100Vdc)	220	265(375Vdc) 265(375Vdc)	N W
输入频率Hz Input Frequency	45		65	

输出特性Output

输出电压精度 Setpoint Accuracy		± 1%		Vo1 Vo2、Vo3
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		

综合特性General

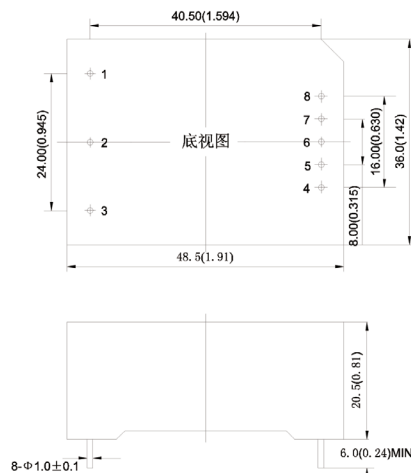
隔离电压 Isolation Voltage			2500Vac/1min/5mA 1500Vac/1min/5mA 500Vac/1min/5mA 1500Vac/1min/5mA	Input-Output Input-Case Output- Case Input-Output*
开关频率 Switching Frequency		60KHz		
MTBF		3 × 10 ⁵ h		
工作壳温 Case Temperature	-10°C -25°C -40°C -40°C		+70°C +85°C +85°C +85°C	Commercial 商用级 Industry 工业级 Military AD 军品AD级 Military AG 军品AG级
储存温度 Storage Temperature	-40°C		+105°C	
相对湿度 Relative Humidity	10%		90%	
短路保护 Short-Circuit Protection	短路自恢复			Continuous, Automatic Recovery

注1: *只限于金属壳封装。

注2: 商用级封装为塑壳, 其它等级为金属壳。

	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
			Vo1/Vo2/Vo3	Io1/Io2/Io3	
3W	YAS3-5-N	165~265	5.05	0.6	73%
	YAS3-12-N	165~265	12	0.25	73%
	YAS3-15-N	165~265	15	0.2	73%
	YAS3-24-N	165~265	24	0.12	75%
	YAS3-5-W	85~265	5.05	0.6	73%
	YAS3-12-W	85~265	12	0.25	73%
	YAS3-15-W	85~265	15	0.2	73%
	YAS3-24-W	85~265	24	0.12	75%
双路	YAD3-5-N	165~265	+5.05/-5.05	+0.3/-0.3	72%
	YAD3-12-N	165~265	+12/-12	+0.125/-0.125	73%
	YAD3-15-N	165~265	+15/-15	+0.1/-0.1	73%
	YAD3-24-N	165~265	+24/-24	+0.063/-0.063	74%
	YAD3-5-W	85~265	+5.05/-5.05	+0.3/-0.3	72%
	YAD3-12-W	85~265	+12/-12	+0.125/-0.125	73%
	YAD3-15-W	85~265	+15/-15	+0.1/-0.1	73%
	YAD3-24-W	85~265	+24/-24	+0.06/-0.06	74%
	YAD3-0505-NI	165~265	5/5	0.5/0.1	70%
	YAD3-0512-NI	165~265	5/12	0.36/0.1	71%
	YAD3-0524-NI	165~265	5/24	0.25/0.06	71%
	YAD3-0505-WI	85~265	5/5	0.5/0.1	70%
	YAD3-0512-WI	85~265	5/12	0.36/0.1	71%
	YAD3-0524-WI	85~265	5/24	0.25/0.06	71%
三路	YAT3-0505-NI	165~265	5/+5/-5	0.4/+0.1/-0.1	70%
	YAT3-0512-NI	165~265	5/+12/-12	0.36/+0.05/-0.05	70%
	YAT3-0505-WI	85~265	5/+5/-5	0.4/+0.1/-0.1	70%
	YAT3-0512-WI	85~265	5/+12/-12	0.36/+0.05/-0.05	70%

产品示意图



金属壳尺寸(mm): 48.5*36.0*22.5

管脚定义

定义	1	2	3	4	5	6	7	8
单路	L	N	FG	-Vo	NP	NP	NP	+Vo
均载双路	L	N	FG	-Vo	NP	COM	NP	+Vo
非均载双路	L	N	FG	-Vo1	+Vo1	NC	-Vo2	+Vo2
叁路	L	N	FG	-Vo1	+Vo1	Vo3	COM	Vo2