

XTQ5

Series



输入特性Input

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

输出特性Output

输出电压精度		± 1%		Vo1
Setpoint Accuracy		± 3%		Vo2、Vo3
源效应			± 0.2%	
Line Regulation				
负载效应			± 0.5%	
Load Regulation				
纹波与噪声			50mVp-p	Vo≤5Vdc
Ripple and Noise			100mVp-p	Other
			200mVp-p	Vo≥48Vdc
温度系数		± 0.1%/℃		
Temperature Coefficient				

综合特性General

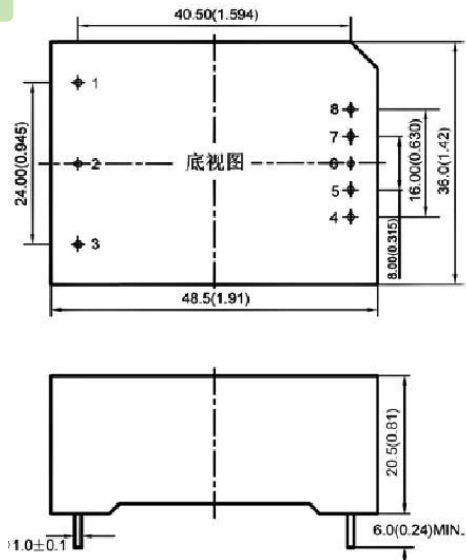
隔离电压			2500Vac/1min/5mA	Input-Output
Isolation Voltage			1500Vac/1min/5mA	Input-Case
			500Vac/1min/5mA	Output- Case
			1500Vac/1min/5mA	Input-Output*
开关频率		60KHz		
Switching Frequency				
MTBF		3 × 10 ⁵ h		
工作壳温	-10℃		+70℃	Commercial 商用级
Case Temperature	-25℃		+85℃	Industry 工业级
	-40℃		+85℃	Military AD 军品AD级
	-40℃		+85℃	Military AG 军品AG级
储存温度			+105℃	
Storage Temperature	-40℃			
相对湿度	10%		90%	
Relative Humidity				
短路保护	短路自恢复			
Short-Circuit Protection	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	
单路	XTQ5-3-N	165~265	3.3	1.2	67%
	XTQ5-5-N	165~265	5.05	1	74%
	XTQ5-12-N	165~265	12	0.41	75%
	XTQ5-15-N	165~265	15	0.33	75%
	XTQ5-24-N	165~265	24	0.21	75%
	XTQ5-48-N	165~265	48	0.11	75%
	XTQ5-3-W	85~265	3.3	1.2	67%
	XTQ5-5-W	85~265	5.05	1	74%
	XTQ5-12-W	85~265	12	0.41	75%
	XTQ5-15-W	85~265	15	0.33	75%
	XTQ5-24-W	85~265	24	0.21	75%
	XTQ5-48-W	85~265	48	0.11	75%
双路	XTQ5-5-N	165~265	+5.05/-5.05	+0.5/-0.5	73%
	XTQ5-12-N	165~265	+12/-12	+0.21/-0.21	75%
	XTQ5-15-N	165~265	+15/-15	+0.17/-0.17	75%
	XTQ5-24-N	165~265	+24/-24	+0.1/-0.1	75%
	XTQ5-5-W	85~265	+5.05/-5.05	+0.5/-0.5	73%
	XTQ5-12-W	85~265	+12/-12	+0.21/-0.21	75%
	XTQ5-15-W	85~265	+15/-15	+0.17/-0.17	75%
	XTQ5-24-W	85~265	+24/-24	+0.1/-0.1	75%
	XTQ5-0505-NI	165~265	5/5	1/0.1	72%
	XTQ5-0512-NI	165~265	5/12	0.8/0.1	72%
	XTQ5-0524-NI	165~265	5/24	0.6/0.1	72%
	XTQ5-0505-WI	85~265	5/5	1/0.1	72%
	XTQ5-0512-WI	85~265	5/12	0.8/0.1	72%
	XTQ5-0524-WI	85~265	5/24	0.6/0.1	72%
	XTQ5-05H05-NI	165~265	5/5	0.8/0.2	72%
	XTQ5-05H12-NI	165~265	5/12	0.6/0.2	73%
	XTQ5-05H15-NI	165~265	5/15	0.6/0.15	73%
	XTQ5-05H05-WI	85~265	5/5	0.8/0.2	72%
	XTQ5-05H12-WI	85~265	5/12	0.6/0.2	73%
	XTQ5-05H15-WI	85~265	5/15	0.6/0.15	73%
	XTQ5-05V05-NI	165~265	5/5	0.7/0.3	72%
	XTQ5-05V05-WI	85~265	5/5	0.7/0.3	72%
三路	XTQ5-0505-NI	165~265	5/+5/-5	0.8/+0.1/-0.1	70%
	XTQ5-0512-NI	165~265	5/+12/-12	0.6/+0.1/-0.1	70%
	XTQ5-0515-NI	165~265	5/+15/-15	0.6/+0.08/-0.08	70%
	XTQ5-0505-WI	85~265	5/+5/-5	0.8/+0.1/-0.1	70%
	XTQ5-0512-WI	85~265	5/+12/-12	0.6/+0.1/-0.1	70%
	XTQ5-0515-WI	85~265	5/+15/-15	0.6/+0.08/-0.08	70%

产品示意图



管脚定义

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

外壳尺寸(mm):48.5×36.0×22.5