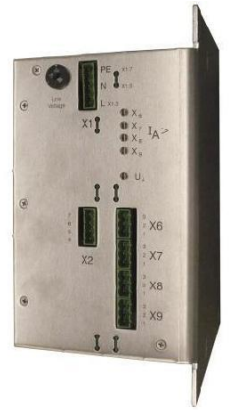


6SL3998-5HX01-0AA0

AC/AC Converter

Single output, galvanic isolated, 100kHz Square wave(单向输出, 电流隔离, 100kHz 方波)

- ✓ Input voltage: 115V/60Hz, 230/240V/ 50/60Hz (输入电压: 115V/60Hz, 230/240V/ 50/60Hz)
- ✓ Power output up to: 300W/115V, 350W/230/240V (功率输出达: 300W/115V, 350W/230/240V)
- ✓ AC/AC converter for wall mounting (壁式安装交流转换器)
- ✓ Voltage regulated (电压调节)
- ✓ Convection cooling (对流冷却)
- ✓ 4-channel AC output, individually monitored (4 个通道输出, 独立检测)
- ✓ Robust housing (坚固外盖)
- ✓ Vibration proof (防震)



Input (输入)	
Input voltage (输入电压)	1AC 115V/60Hz, 1AC 230/240V 50/60Hz
Inrush current limitation (浪涌电流限制)	NTC
Maximum activation delay (including turn-up)最大激活延迟 (包括翻转)	>1s, soft start (>1 秒, 软启动)
Overcurrent protection 过流保护	Fuse 保险丝
Overvoltage protection 过压保护	Varistor 变阻器
Output (输出)	
Output voltage 输出电压	Peak voltage 55V/100kHz, Symmetrical square wave 峰值电压 55V/100kHz, 对称方波
Output current 输入电压	1.5 A average current per output, 6.5 A peak current per output 平均每次电流输出 1.5A, 峰值电流输出 6.5A
Efficiency 效率	>80%
Control data 控制数据	
Line regulation 电压调整率	±3%
Frequency 频率	100kHz±5%
Operating Parameter 操作系数	
Operating temperature range 工作温度范围	0 – 55°C
Colling 冷却	Convection cooling 对流冷却
Operating and control 操作和控制	
Voltage selector switch 电压开关选择	115/230V
Power indicator 电源指示灯	LED green: output voltage available,绿灯: 输出电压可用 4 x LED red: Over current protection activation 4 个红灯: 激活过流保护
Electric connectors 电连接器	
Input, output, signals 输入输出信号	X1 5pol MSTBA, X6, X7, X8, X9 3pol MSTBA, X2 4pol MSTBA
Protection 保护	
Overload protection 过载保护	Switch off all outputs at I >10A on each individual output 关闭每个 I>10A 的输出 Reset by cycling input power 通过循环输入进行复位
Thermal protection 过热保护	Switch off with auto recovery 关闭自动恢复
Signal relay 信号继电器	Voltage input low, output voltage present 低压输入, 输出不变



Safety

Electrical safety 电气安全

Test voltage: primary – frame 1500V 50Hz 检测电压: 主框架

Test voltage: secondary – frame 1500V 50Hz 检测电压: 辅助隔框

Test voltage: Signal - frame 1500V 50Hz 检测电压: 信号框架

EMC 电磁兼容

Input EMI filter 输入电磁干扰电波 EN 61000-3-3, EN 55011

Input immunity 输入抗扰度 EN61000-4-2, -3, -4, -5, -6

Pin assignment

X1	Line input (top down) 线路输入 (自上而下)
X1 5	PE
X1 4	not used
X1 3	N
X1 2	not used
X1 1	L
X2	Signaling (top down) 发信号 (自上而下)
X2 7	Output voltage present Rel_B
X2 6	Output voltage present Rel_A
X2 5	Input under voltage Rel_B
X2 4	Input under voltage Rel_A
X6	Power output (top down) 电流输出 (自上而下)
X6, X7, X8, X9 3	±55V
X6, X7, X8, X9 2	P-GRD
X6, X7, X8, X9 1	PE

Wall-mounting (mm)

