

KTY3S 系列三相晶闸管功率控制器

KTY3S series three-phase thyristor power controller



产品用途 Application

产品广泛应用于工业电炉、机械设备、玻璃工业、汽车工业、化学工业等行业领域。

Products are widely used in industrial electric furnace, mechanical equipment, glass industry, automobile industry, chemical industry and other industries.

产品特点 Features

- DSP控制核心，参数设定，检测丰富，保护功能完善
- LED数码显示，键盘参数设置，操作方便
- 集成开环、恒压、恒流、恒功率、调功（过零）控制、LZ（移相过零）控制、联机功率分配等功能于一体，使用灵活
- 具有有效值（RMS）控制选件，实现有效值控制
- 具有4路模拟输出，可编程输出众多内部参数
- 模拟量/开关量输入、输出可编程，方便用户组态
- 抗干扰能力强
- 调功使用时，可联机分配功率，减小对电网的冲击
- 标准配置RS485通讯接口（MODBUS RTU协议）
- 具有单路或双路PROFIBUS-DP通讯选件
- DSP as control core, parameter setting, abundant detections and perfect protection function
- LED digital display, keyboard parameter settings, easy to operation
- Integrated open loop, constant voltage, constant current, constant power, power regulating(zero) control, LZ(phase shift zero)control, on line power distribution fucntions
- RMS control option, achieve RMS control
- 4 road analog output, programmable output many internal parameters
- Analog/binary input and output programming, convenient to user configuration
- Strong anti-jamming capability
- Online power distribution when power regulating, reduce the impact to the grid
- Standard RS485 communication interface(MODBUS RTU protocol)
- Single or dual Profibus-DP communication options

型号定义 Model Definition

KTY3S-	□□□□ / □ / □	选件：不带选件时可省略该项 Option: omit with no options
		额定电压 Rated voltage
		额定电流 Rated current
		设计序号 Design NO
		三相晶闸管功率控制器 Three-phase thyristor power controller

型号 Model	额定电流 (A) Rated current	外形尺寸 (mm) Dimensions (L×W×D U≤500V)	重量 (kg) Weight	冷却方式 Cooling mode
KTY3S-0025	25	405×250×225	11	自冷 Self-cooling
KTY3S-0040	40		11	
KTY3S-0075	75		12	
KTY3S-0100	100		13	
KTY3S-0150	150		13	
KTY3S-0200	200		24	
KTY3S-0250	250		24	
KTY3S-0350	350		26	
KTY3S-0450	450		42	
KTY3S-0600	600		55	
KTY3S-0800	800	570×480×310	60	风冷 Air-cooling
KTY3S-1000	1000	680×480×310	85	
KTY3S-1500	1500	630×700×380		
KTY3S-2000	2000			
KTY3S-2500	2500			
KTY3S-3000	3000			

规格参数 Specification Parameter

输入	
主回路电源	KTY3S-****: 3A380V, 30~65Hz KTY3S-****/5: 3AC500V, 30~65Hz KTY3S-****/6: >3AC500V, 30~65Hz
控制电源	AC100~240V,0.5A,45~65Hz
风机电源	AC220V, 50/60Hz
输出	
输出电压	主回路电源电压的0~98% (移相控制)
额定电流	见型号定义
控制方式	开环、恒压、恒流、恒功率、调功(过零)、LZ控制、联机功率分配
控制信号	模拟、数字、通讯
负载性质	电阻性、电感性
性能指标	
控制精度	≤1%
稳定度	≤0.2%
接口描述	
模拟量输入	5路可编程输入
开关量输入	1路固定输入、4路可编程输入
模拟量输出	4路可编程输出
开关量输出	4路可编程输出
通讯	标准配置:单RS485通讯接口, 支持Modbus RTU通讯; 支持Modbus TCP通讯(选件); 支持单/双Profibus-DP通讯(选件)

Input	
Main circuit	KTY3S-****: 3A380V, 30~65Hz KTY3S-****/5: 3AC500V, 30~65Hz KTY3S-****/6: >3AC500V, 30~65Hz
Control power	AC100~240V,0.5A,45~65Hz
Fan power	AC220V, 50/60Hz
Output	
Output voltage	Main circuit power supply voltage of 0 ~ 98% (phase shift control)
Rated current	see model definition
Control mode	Open loop, constant voltage, constant current, constant power, power control (zero), LZ, online power distribution
Control signal	Analog, digital, communications
Load character	resistive load, inductive load
Performance Index	
Control accuracy	≤1%
Stability	≤0.2%
Interface Description	
Analog input	5 road programmable input
Binary input	1 road fixed input, 4 road programmable input
Analog output	4 road programmable output
Binary output	4 road programmable output
Communication	Standard configuration: single RS485 communication interface, support the Modbus RTU communication; support the Modbus TCP communications (option); support single/double Profibus-DP communication (option)

版本号: 158 CL20180813,本资料所涉及内容、图片等知识产权均归属于本公司,未经授权不得使用。图中内容以实物为准,本公司具有最终解释权。
Version number: 158 CL20180813,The information, pictures and other intellectual property rights involved in the content are attributable to the company, without authorization shall not be used. The pictures of the contents in kind prevail, the company has the final interpretation right.



地址: 四川省德阳市金沙江西路686号
销售热线: 0838-2900585、586
传真: 0838-2900985
邮箱: injet@injet.cn
网址: www.injet.cn

ADD: NO.686 West Jinshajiang Road, Deyang City, Sichuan Province, P.R.China
Sale: 0838-2900585、586
Fax: 0838-2900985
E-mail: injet@injet.cn
Web: www.injet.cn