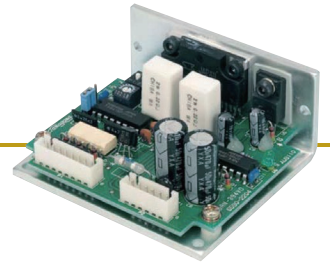


KS9110

DC24V输入 2相步进电机驱动器 DC24V Input 2-phase Stepping Motor Driver



DC24V

0.35~2A / 相
0.35~2A / phase

整步、半步
Full / half step

电路板类型
Board type

规格 Specifications

项目 Items	规格值 Specification												
电源 Power supply	DC+24V ±10% 3A Max.(总消耗电流)(total current consumed)												
输出电流 Output current	0.35~2A Max / 相 通过可变电阻VR设定(出厂时 1A / 相) 0.35~2A Max. / phase Variable resistor(VR) setting(Set to 1 A / phase when shipped)												
驱动方式 Drive method	单极恒电流斩波方式 Chopper mode by Uni-polar constant current												
励磁方式(出厂时2相励磁) Excitation method (2 phase excitation at shipment) 整步 / 半步 Full / half	<table border="0"> <tr> <td>1相励磁 1-phase excitation 拨动开关 Dip switch</td> <td></td> <td>1-2相励磁 (半步/half step) 1-2 phase excitation 拨动开关 Dip switch</td> <td></td> <td>2相励磁 (整步/full step) 2 phase excitation 拨动开关 Dip switch</td> <td></td> </tr> </table>	1相励磁 1-phase excitation 拨动开关 Dip switch		1-2相励磁 (半步/half step) 1-2 phase excitation 拨动开关 Dip switch		2相励磁 (整步/full step) 2 phase excitation 拨动开关 Dip switch							
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输入信号回路 Input signal circuit	光电耦合器TLP521(东芝) 输入电阻220Ω Photo coupler TLP521(Toshiba), Input resistance 200Ω 光电耦合器的输入电流10mA以上20mA以下 Photo coupler input current, over 10mA, below 20mA												
输入信号 Input signal	<table border="0"> <tr> <td>1个脉冲输入 1-pulse input PULSE DIR</td> <td>跨接开关 Jumper switch</td> <td></td> <td>DIR信号的光电耦合器的电流与旋转方向 DIR signal's photo coupler current and rotation direction</td> </tr> <tr> <td></td> <td></td> <td></td> <td>ON CW旋转 rotation</td> </tr> <tr> <td></td> <td></td> <td></td> <td>OFF CCW旋转 rotation</td> </tr> </table>	1个脉冲输入 1-pulse input PULSE DIR	跨接开关 Jumper switch		DIR信号的光电耦合器的电流与旋转方向 DIR signal's photo coupler current and rotation direction				ON CW旋转 rotation				OFF CCW旋转 rotation
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				ON CW旋转 rotation									
			OFF CCW旋转 rotation										
2个脉冲输入 2-pulse input CW CCW	跨接开关 Jumper switch		注: CW输入时, CCW输入的光电耦合器电流须为OFF; CCW输入时, CW输入的光电耦合器电流须为OFF。同时, 不得向CW、CCW中输入输入脉冲。 Note: Make sure that CCW input photo coupler current is OFF during CW input and CW input photo coupler current is OFF during CCW input. Never input pulse to both CW and CCW at the same time.										
有效 ENABLE	光电耦合器的电流为ON时, 电机不励磁; 光电耦合器的电流为OFF时, 电机励磁。 When photo coupler current is ON, motor is not excitable. When photo coupler current is OFF, motor is excitable.												
(出厂时输入1个脉冲) (Set to 1 pulse input at shipment)	脉冲宽度为5μsec以上, 上升下降时间为2μsec以下, 光电耦合器的电流从ON转为OFF后工作 Pulse duration is 5μsec or more, rise / fall time is 2μsec or less. Operation starts when photo coupler current is switched from ON to OFF.												
输出信号 Output signal	CKOUT(CKO)	输入脉冲确认用焊盘(Land): TTL输出 Land for checking input pulse: TTL output											
	电源设定端子(IS) Current terminal(IS)	输出电流确认用端子: 0.23(V)=1(A / 相) Terminal for checking output current: 0.23(V)=1(A/phase)											
电流自动下降 (出厂时动作设定) Automatic current down (Set ON at shipment)	工作时 When in operation 拨动开关 Dip switch		输入脉冲上升约1sec后, 输出电流下降至约50%。 Approximately 1 sec after turning on input pulse, output current drops approximately 50%.										
	不工作时 When not in operation 拨动开关 Dip switch												
环境温湿度 Surrounding environment	动作时 / Driving Type	0~40°C 90%RH以下(无结露) 0~40°C under 90% RH (no condensation)											
	存放时 / Stand-by	-10~70°C 90%RH以下(无结露) -10~70°C under 90% RH (no condensation)											
附件 Accessories	连接器外壳XHP-6(JST)1个、XHP-8(JST)1个、接触器BXH-001T-P0.6(JST)14个 Connector housing 1pc XHP-6(JST), 1pc XHP-8(JST), 14pcs contacts BXH-001T-P0.6 (JST)												
重量 Mass	106g												

驱动器外形尺寸 / Driver Outer Dimensions

