

KR-A535M

AC100-220V输入 微型步进驱动器

AC100-220V Input Microstep Driver

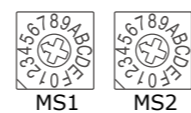


AC100-220V 适用于0.4~1.4A / 相 0.4~1.4A / phase 微型步进 Micro-step 全连接型 Full connector

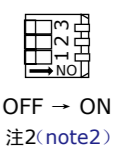


规格 Specifications

项目 Items	规格值 Specifications									
电源 Power supply	AC100-220V (±10%) max.3A 50/60Hz									
驱动电流 Output current (出厂时 0.75A/相) (0.75A/phase at shipping)	额定电流0.4~1.4A/相 Rated current : 0.4~1.4A/phase 可利用数字开关[RUN]在0.4~1.4A/相的范围内设定。 Capable of setting the current to 0.4~1.4A/phase by the digital switch "RUN"									
驱动方式 Driving Type	双极恒流五角驱动方式 Bipolar pentagon constant current drive									
输入信号回路 Input signal circuit	信号名 Signal name	功能说明 Functional description	输入电阻 Input resistance							
	CW+	1时钟模式时的脉冲信号输入	Pulse signal input for 1 clock mode	270Ω						
	CW-	2时钟模式时的正转信号输入	CW rotation input for 2 clock mode							
	CCW+	1时钟模式时的转向指示输入	Rotational direction input for 1 crock	270Ω						
	CCW-	2时钟模式时的反转信号输入	CCW rotation input for 2 clock							
	H.O.+	电机励磁OFF控制信号	Motor exciting OFF control signal	390Ω						
	H.O.-	"H"时电机励磁OFF	"H" for motor exciting OFF							
	D.S.+	微步插值选择信号	Micro-step interpolation selection	390Ω						
D.S.-	"L"时选择MS1、"H"时选择MS2	"L" for MS1 & "H" for MS2								
输出信号回路 Output signal Circuit	信号名 Signal name	功能说明 Functional description	输出容量 Output capacity							
	Z.P.+	原点励磁信号输出	Origin exciting output signal	DC30V max.						
微步插值设定 Setting of micro-step interpolation (MS1 : 5, MS2 : 0 at shipping)	仅采用1种微步驱动时, 通过数字开关MS1设定插值数。 采用2种微步驱动时 (在往复运动的前进、返回过程中改变速度时), 通过数字开关MS1、MS2设定各插值数。 For micro-step driving of one type only, set the number interpolation using the digital SW MS1. For micro-step driving of two types. (i.e. when changing speed for going and returning in reciprocating motion) set respective numbers of interpolation using the digital SW MS1 and MS2.									
	设定编号 Set No.	0	1	2	3	4	5	6	7	8
驱动电流的设定 Setting of driving current (Setting "5" at shipping)	根据下表选择电机旋转时的电流, 并通过数字开关RUN进行设定。 The output current to the motor in rotation is set by the digital switch "RUN" to select from the table below.									
	设定编号 Set No.	0	1	2	3	4	5	6	7	8
电流自动下降的设定 Automatic current-down (Setting "5" at shipping)	根据下表选择电机停止时的电流, 并通过数字开关STOP进行设定。 该数值为相对于RUN电流的百分比。最终脉冲输入约后500ms, 电流开始减少。 The output current to the motor at stationary is set by the digital switch "STOP" to select from the table below. The value is set by the percent to "RUN" current. The current decreases at approx. 500ms after the last pulse.									
	设定编号 Set No.	0	1	2	3	4	5	6	7	8

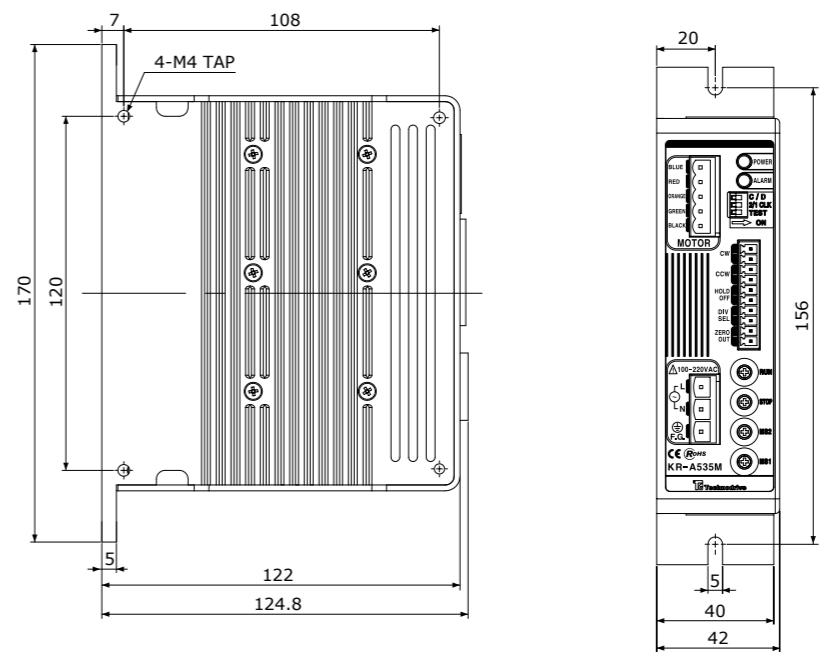


项目 Items	规格值 Specifications				
拨动开关设定 (出厂时的设定均为OFF) Setting of dip-switches (All off at shipping)	No.	显示 symbol	功能 Function	ON	OFF
	1	TEST	自测功能 Self test function	约250pps时旋转 Rotating at 250pps	常规动作 Normal operation
	2	1 / 2 CLK	时钟模式切换 Switching of clock	1时钟模式 1 clock mode	2时钟模式 2 clock mode
3	C / D	电流自动下降 Automatic current-down	不使用 Invalid	使用 Valid	
工作环境温度、湿度 Operating temperature & humidity	0~40° C 85%RH以下(无结露) 0 ~ 40° C 85%RH Max. without any condensation.				
存放环境温度、湿度 Storage temperature & humidity	-10~70° C 85%RH以下(无结露) -10 ~ 70° C 85%RH Max. without any dew condensation.				
重量 Mass	约660g Approximately 660g				



注1) 1脉冲的微步角度=基本步进角 / 插值数
注2) 无论插值数的设定如何, 在内部发生约250pps, 拨动开关No.2 ON时进行CCW旋转, OFF时进行CW旋转。
Note 1) Micro-step angle for 1 pulse=Basic step angle / Number of interpolation
Note 2) Approx. 250pps is generated inside, regardless of splits setting; CCW rotation when the dip switch NO.2 is ON, and CW rotation when the dip switch NO.2 is OFF.

驱动器外形尺寸 / Driver Outer Dimensions



Stepping Motor Driver 步进电机驱动器

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