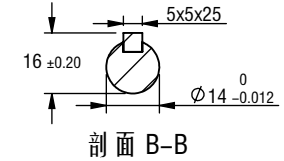


RoHS
COMPLIANT

CE



※ 规格/ Specification				※ 端口功能/Port Function																※ 端子定义/Terminal definitions			※ 铭牌内容/Label discription									
Input Voltage	18~70VAC/24~100VDC			No.	Name			Function																Power connection — 电源正 (V+/AC) — 电源负 (V-/AC) Input interface 脉冲正 (PU+) 脉冲负 (PU-) 方向正 (DR+) 方向负 (DR-) 使能正 (EN+) 使能负 (EN-) Output interface — 报警正 (AL+) — 报警负 (AL-) — 到位正 (EX+) — 到位负 (EX-)			第一角画法 Frist Angel View		型 号/Model 86HB156F6-14J		品 号/Product No.	
Communication interface			TTL			细分																公差 Tolerance										
Holding Torque	12.5N.m			1	V+			Power positive terminal (18~70VAC/24~100VDC)																±0.3		1:2		1/1				
IP Rating	IP54			2	V-			Power ground (no polarity distinction for AC input)																								
Protections	Overvoltage protection, Undervoltage protection, Overcurrent protection, Winding short circuit, Winding open circuit			3	PU+			Optical isolation, differential signal, compatible with 5 ~ 24 VDC, default pulse input, filter frequency 250 kHz, port functions configurable via host software.																								
Current range	Software adjustable, 0.5 ~ 6.5 A adjustable, factory-matched motor			4	PU-																											
Microstepping	16-step DIP switch selectable, 200 ~ 1,000,000 steps adjustable via software			5	DR+			Optical isolation, differential signal, compatible with 5 ~ 24 VDC, default direction input, filter frequency 250 kHz, port functions configurable via host software.																								
Speed	up to 3000 rpm			6	DR-																											
Steps/rev	200 steps/rev			7	EN+			Optical isolation, differential signal, compatible with 5 ~ 24 VDC, default direction input, filter frequency 10 kHz, port functions configurable via host software.																								
Filter frequency	default 300 kHz, adjustable via software			8	EN-																											
Control mode	pulse + direction, or dual pulse			9	AL+			Alarm status output port, used to detect motor alarm condition. Default configuration: normally closed (active output in normal state). The output can be inverted or reassigned to other functions via software.																								
Weight	≈ 5.6 Kg			10	AL-																											
Rotor Inertia	≈ 4950 g.cm²			11	EX+			In-position status output port, used to detect when the motor has reached the target position. The output becomes active when in position. The signal logic can be inverted or reassigned to other functions via software.																								
Operating Temperature	0°C~+40°C			12	EX-																											
Operating humidity range	20%RH~90%RH			※ 拨码设置/Serial port Settings																						CHANGZHOU HOLRY ELECTRIC TECHNOLOGY CO.,LTD.						
Communication interface	TTL			细分	400	800	1600	3200	6400	12800	25600	51200	1000	2000	4000	5000	8000	10000	20000	40000												
Baud rate	115200			SW1	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF										
				SW2	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF									
				SW3	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF										
				SW4	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF										
				SW5:Used to set the pulse mode: when OFF, operates in pulse + direction mode; when ON, operates in dual pulse mode.																												
				SW6:Used to set the rotation direction: when OFF, rotation is clockwise (CW); when ON, rotation is counterclockwise (CCW)																												