

佶慶電機有限公司

CHESHIRE ELECTRIC COMPANY, LLC

Driver for Brushless Motor with Sensor-less 無感無刷馬達驅動器

MODEL OSL1-27V10A	DRIVER SPECIFICATIONS 驅動器規格書	Page: 1 OF 1
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驅動器規格 Motor Driver Specifications

輸入電源 Input Voltage	DC6-27V
驅動電流 Operation Current	10A
驅動模式 Drive mode	Sine Wave Drive
感測器 Sensor	無感測器。Sensor-less
運轉功能 Operation Functions	1. 啟動/停止。Start/Stop
	2. 轉速調整。Speed control
	3. 正/反轉。Direction control CW/CCW
保護功能 Protections	1. 電源逆接保護功能：輸入端電壓正負極接反時，馬達無法運轉。 1. Polarity Protection: If power polarity error, the motor can not been operated.
	2. 馬達限電流功能：馬達瞬間最大限電流20A。 2. Pulsed Current Limit: The motor pulsed current limit is 20A .
	3. 過溫保護：驅動IC溫度超過165°C停止工作，直到驅IC驅動器降到150°C以下，重新供電恢復正常工作。 3. Temperature Protection: If the temperature of the driver IC is Over 165°C, it will be shut down. Once all the driver board components' temperature drop below 150°C, restart the power.
工作溫度 Operating Temperature	- 10°C ~60°C
外型尺寸 Size	126x66x28mm
重量 Weight	172g

驅動器面板功能說明 Instructions for use

No.	Function	SW-1234	NO.	Function
1	+5V	NO. 1	NC	
2	NC	NO. 2	NC	
3	FAULT	NO. 3	start/stop	
4	FGO	NO. 4	DIR	
5	NC			
6	Start/Stop			
7	DIR			
8	NC			
9	NC			
10	GND			