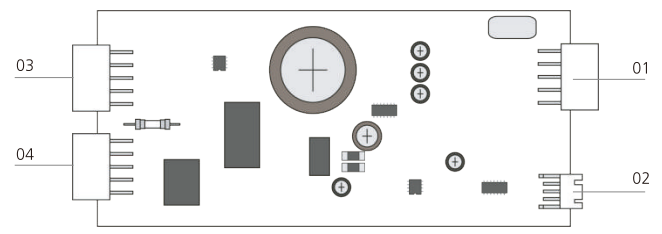
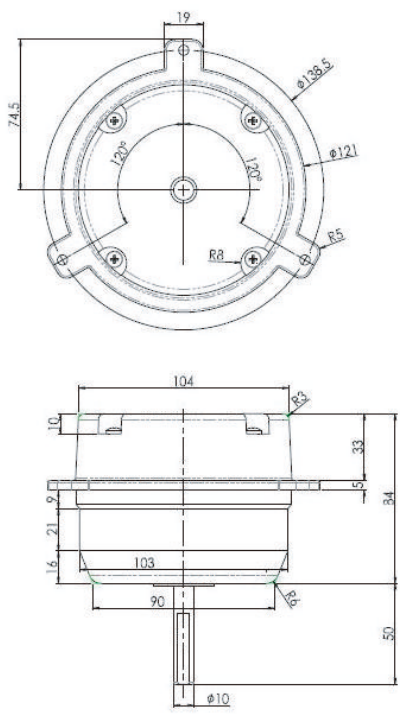


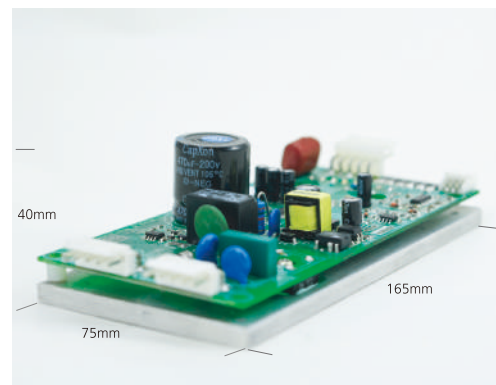
Vent Fan Drive Module

CDLS Series

Motor Output Power	Motor Model	Driver Model	Remark
AC120V±15% , Single-Phase, 50Hz / 60Hz			
200W	BLS90 - A200 - □□	CDLS - A200	
350W	BLS90 - A350 - □□	CDLS - A350	
AC220V±15% , Single-Phase, 50Hz / 60Hz			
200W	BLS90 - C200 - □□	CDLS - B200	
350W	BLS90 - C350 - □□	CDLS - B350	



- 01. Motor Output Connector
- 02. External Analog Input Connector
- 03. AC Main Power Input Terminals
- 04. AC Main Power Output Terminals



Variable Speed Range		600 ~ 3000 r/min
Speed Regulation	Load	±1% max (0 ~rated torque, rated speed, rated voltage, 25℃)
	Voltage	±1% max (voltage variaion±15%, no load, rated speed, 25℃)
	Temperature	±1% max (0 ~ 50℃, no load, rated speed, rated voltage)
Speed Control Method	Analog Setting ^{*1}	• External Potentiometer(5kΩ) • External DC Voltage(0~5VDC)
Drive Algorithm		Sensorless FOC SVPWM.
Protect Function	 Over Current	 Short Circuit
	 Over Load	 Motor stuck
	 Driver Over Temperature	
Operating Environment Conditions	Ambient Temperature	-20℃+50℃ (External cooling is required when the environment temperature is higher than 40℃)
	Humidity	< 85 % RH (non-condensing)
Dimension		165mm * 75mm * 40mm (without mounting flanges)
Other Functions		Torque Mode

*1. There is maximum 6-step for the external analog speed setting.