

HS-BLSD24
DC24V, 100W

Product Features

Sine wave BLDC driver

Hall Sensor Interface

A wide range of applications

6/8/10/12 Pole Selection

Acceleration/Deceleration (User Selection)



SPECIFICATION

Model	Voltage (V)	Rated Power	External Size
HS-BLSD24	24V	100W	148x83x32 (WxDxH)

CONNECTION TABLE

No.	Function	Pin	Label	Description
1	LED	1	Red	Alarm status
		2	Green	Motion status
2	Speed Potentiometer	1	SLOW/START	SLOW/START (Max. 7sec)
		2	LOAD/SPEED	LOAD/SPEED
3	I/O Connectors	1	3.3V	3.3V output for hall sensor supply
		2	Ext Speed	Ext potentiometer Input signal
		3	GND	Power supply and signal ground
		4	Start / Stop	Input signal
		5	Run / Brake	Input signal
		6	Direction	Input signal
		7	Alarm reset	Output signal
		8	Speed	Output signal
		9	Alarm	Output signal
		10	Int. speed	Int. potentiometer input signal
		11	GND	
4	Hall sensor	1	3.3V	3.3V output for hall sensor supply
		2	GND	Power supply and signal ground
		3	H3	Hall sensor signal 3
		4	H2	Hall sensor signal 2
		5	H1	Hall sensor signal 1
5	Motor Connectors	1	W	Motor Coil phase3 / W
		2	V	Motor Coil phase2 / V
		3	U	Motor Coil phase1 / U
6	Power Connectors	1	24V	Power supply input
		2	GND	Power supply and signal ground
7	Dip switch	1,2,3	Pole Select	Motor Pole select
		8	Potentiometer	Ext / Int Potentiometer type select
※ 8	Communication Port	1	GND	RS-485 (※ OPTION)
		2	485 +	
		3	485 -	
※ 9	ENC	1~4		ENCODER Input Connector (※ OPTION)

