

Empower Your Applications with **LV22** - Our New Compact, High-performance, **Low-Voltage** Drive.



Versatile solutions for the SEMI, EA, Solar and Medical application, supporting Brushless motors, Brush motors, 2-phase & 5-phase stepper motors, linear and DDR servo motors, Voice coil motors.



KEY FEATURES

- EtherCAT /Pulse Train
- Separated Logic & Power supply
- Input voltage: 24-48VDC
- Logic power supply: 19-29VDC
- Dimensions(mm): 78 x22 x117
- PWM: Up to 96 KHz.
- Digital I/Os:
AP/AP2: 5 x inputs, 2 x fast inputs, 3 x outputs, 2 x fast outputs
EB/EC2: 2 x inputs, 2 x fast inputs, 2 x outputs, 1 x fast output
- Analog Inputs: 2 (16-bit)
- Feedback: Incremental Encoder、BiSS-C、Sine-cosine、Tamagawa、SensAR
- STO: Safe Torque Off

• Rating (Arms):

	Continuous Current (Arms)	Peak Current (Arms)
001	1.15	3.45
003	3	9
*006	6	18
*010	10	30

Other power rating will be introduced in the future

WHY CHOOSE US

- ✓ **Legacy Of Excellence:** Leveraging over 35 years of experience and the trusted legacy of our CDHD & CDHD2 servo drives.
- ✓ **Compact & Cost-Effective:** Our advanced control algorithms packed in a compact and budget-friendly servo drive.
- ✓ **Versatile:** Perfect for a wide range of applications, and compatible with a variety of motor types.



Call Us! +86-400-111-8669
www.servotronics.cn

LVD2

Compact, Low Voltage Drive.



Redefining Low-Voltage Motion Control

The LVD2 is a compact, low-voltage drive with excellent performance. With operating voltage 24-48VDC and EtherCAT control, it is an ideal choice for applications such as Z & R modules, SEMI, solar energy, medical, and mobile robotics systems. The LVD2 is compatible with various types of industrial low-voltage DC motor such as brush motors, brushless motors, voice coil motors, linear and DDR servo motors, also supports open-loop and closed-loop stepper motors control. LVD2 is powerful, ensures precise control while meeting all your automation needs.

Product Features

- BLDC, DC, VCM, Linear & DDR Motors
- Closed-Loop 2-Phase & 5-Phase Stepper motors
- Programmable Digital I/Os
- 16 KHz Current Loop
- 8 KHz Velocity Loop
- Up to 96 KHz PWM, especially for low-inductance motors
- Minimum ECAT Cycle Time: 0.5ms
- Soft Landing
- Variety of Homing Types
- AutoTune*
- Collision Detection*

* Coming Soon

PRDr			LVD2	-	001	-	1D	-	AP	-	0
Product Name											
Rating											
	Continuous Current (Arms)	Peak Current (Arms)									
001	1.15	3.45									
003	3	9									
*006	6	18									
*010	10	30									
DC Voltage											
	Low Voltage Input Power Supply										
1D	24-48 VDC										
	19-29VDC (Optional) Logic Power Supply										
Communication Interface			Analog Input								
AP	Pulse Train, USB Encoder Type: Incremental, BiSS-C		no								
AP2	Analog Voltage, Pulse Train, USB Encoder Type: Incremental, BiSS-C, Sine/Cosine, Tamagawa, sensAR		2-Ch, 16-bit								
EB	EtherCAT, USB Encoder Type: Incremental, BiSS-C		no								
EC2	EtherCAT, Analog Voltage, USB Encoder Type: Incremental, BiSS-C, Sine/Cosine, Tamagawa, sensAR		2-Ch, 16-bit								
Option											
0	Standard										

* Coming Soon



Call Us! +86-400-111-8669

www.servotronics.cn