

Servo Drive – Linear Drive CDHDE

CDHDE is a high-performance servo drive engineered for linear motors. Preloaded linear motor parameters embedded in its firmware guarantee optimal drive-motor matching, empowering machine builders to attain superior motion control performance, boosted operational efficiency and higher production throughput.

The CDHDE servo kit fits applications running on the EtherCAT fieldbus. It is also interoperable with PLC systems and motion control cards that output pulse commands.



版本:总线版EtherCAT
脉冲版AP

Version: Bus version EtherCAT
pulse version AP

支持刚性表调试方法
方便把位置误差和整定时间最小化

It supports rigid table debugging method to facilitate
minimizing of position error and rectification time

位置补偿功能，通过多段位置偏差校正
消除编码器累计误差的影响

The position compensation function eliminates the effect
of accumulated encoder errors through multi-segment
position deviation correction

符合CE、RoHS认证

Comply with CE、RoHS certificationstandards

产品规格参数

Product specifications

产品型号 Product model	输入电压 Input voltage (VAC)	主电路输入电源 Main circuit input power supply	连续电流 Continuous current (Arms)	峰值电流 Peak current(Arms)	宽x高x深 Width x height x depth(mm)
CDHDE-4D52A	220	单相	4.5	18	W:49 mm H:155.84mm D:160.1 mm W:64.5 mm H:173.6mm D:176.6mm
CDHDE-0102A	220	三相	10	30	

产品选型配置

Product selection configuration

接口配置 Interface configuration	
调试口 Debugging port	USB
STO	无, 特定版本支持 None, specific versions supported
分频输出 Frequency division output	仅AP版本 AP version only
数字量输入 DI	普通4路(AP)、3路(EB), 高速2路 Standard 4 channels (AP), 3 channels (EB), high-speed 2 channels
数字量输出 DO	3路 3 channels
全闭环 Full closed loop	不支持 Not supported
直驱抱闸 Direct drive brake	不支持 Not supported
控制模式 Control mode	
控制模式 Control mode	EtherCAT, 脉冲 EtherCAT, pulse
控制特性 Control characteristics	
龙门同步功能 Gantry synchronization function	不支持 Not supported
位置比较输出功能 Position comparison output function	不支持 Not supported
探针功能 Probe function	支持 Support