

140CHS11000 分度盘

产品名称	140CHS11000 分度盘
公司名称	厦门亿佳天辰贸易有限公司
价格	564.00/件
规格参数	施耐德:235 140系列:235 法国:345
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产品详情

140CHS11000 分度盘

伺服单元

它内部包括：电机矢量FOC控制器、电流PI调节器、速度PI调节器、SVPWM调制器、传感器接口、SPI和并行通信接口等。IR公司推出的单芯片速率伺服控制系统的重要特点是，允许用户对上百种参数进行实时的和初始化给定。该技术在一片FPGA中实现了FOC控制器、电流PI调节器、速度PI调节器、位置PID调节器、速度前馈控制器、IIR滤波器、SVPWM调制器、梯形速度轨迹生成器、位置指令处理器、监控与保护环节、通讯模块、寄存器堆等所有伺服控制模块，并且在内部集成了CPU，可以完成键盘、显示及外部通讯控制，为真正的数字可编程片上系统（SOPC）。

由于所有控制算法均用硬件实现，所以伺服控制器可以达到相当高的性能，其电流环与速度环采样频率均可达到20kHz，位置环采样频率可达10kHz以上，频率指标主要由芯片本身性能限制。通过上位机可以访问所有内部寄存器，能实现控制目的。所有参数可以进行在线修改，包括开关频率、死区时间、调节器参数、滤波器参数等。适应于PMSM、IM、BLDCM等不同电机的驱动控制，并兼容霍尔传感器、增量式/式码盘、磁编码器、旋转变压器等各类传感器接口信号。可以接收脉冲指令、模拟指令以及数字指令等输入信号，并可通过上位机或控制面板完成所有操作功能。具有控制器识别码接口，易于实现多轴控制。这种单片控制器大大减少了系统体积，了抗干扰性，加上完善的保护措施，保证了系统运行的可靠性。

伺服组件

伺服组件指：由伺服电动机、机械减速或耦合机构、[2] 伺服控制器、传感器等组成的一体化伺服机构。例如：光驱主轴驱动模块、机器人的关节、汽车电动助力机构等等。对组件的基本要求是：体积小、重量轻（即高密度），一体化独成系统，互换性、可复用性和高可靠性等等。伺服组件是我们的重要研究方向。其中三轴和四轴组件更有特色，这些多轴伺服控制器通常可以由一个FPGA运动控制IP核来实现

。另外，伺服组件中的电磁兼容、热分析与设计非常重要。

微小型CNC加工

CNC加工中心是伺服控制技术的大集成。小型CNC加工中心系统由轻巧型机床主体、高密度交流伺服电机、编码器、伺服单元和基于DSP+PC的数控系统五大部分组成，其特点是拥有轻巧的外型，除采用自动虚拟刀库外，具有常规CNC加工中心的功能和性能指标。与常规CNC加工中心相比，该多轴加工系统具有更高的运行效率和更低的使用成本，在操作方便性、产品价格以及功能重组等许多方面都具有竞争力。它是一种能满足计算机数字控制、自动化作业、加工等普遍需求的普及型产品，是生产、教学、个人创造和劳动的有力助手。CNC加工中心是伺服控制技术应用的。

小型CNC加工中心的XYZ运动轴的分辨率0.001（mm），重复精度0.01（mm），主轴（速率控制）转速2400rpm，连动轴数4或5，支持DNC、AUTO、EDIT等工作方式，支持G代码及Mastercam、AutoCAD、Pro/E等加工数据。

SP1402-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 3.8A (2hp)
Heavy Duty - 3.0A (2hp)

SP1402-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 3.8A (2hp)
Heavy Duty - 3.0A (2hp)

SP1403-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 5.0A (3hp)
Heavy Duty - 4.2A (3hp)

SP1403-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 5.0A (3hp)
Heavy Duty - 4.2A (3hp)

SP1403-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 5.0A (3hp)
Heavy Duty - 4.2A (3hp)

SP1404-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 6.9A (5hp)
Heavy Duty - 5.8A (3hp)

SP1404-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 6.9A (5hp)
Heavy Duty - 5.8A (3hp)

SP1404-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 6.9A (5hp)
Heavy Duty - 5.8A (3hp)

SP1405-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 8.8A (5hp)
Heavy Duty - 7.6A (5hp)

SP1405-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 8.8A (5hp) Heavy Duty - 7.6A (5hp)

SP1405-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 8.8A (5hp) Heavy Duty - 7.6A (5hp)

SP1406-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 11A (7.5hp) Heavy Duty - 9.5A (5hp)

SP1406-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 11A (7.5hp) Heavy Duty - 9.5A (5hp)

SP1406-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 11A (7.5hp) Heavy Duty - 9.5A (5hp)

SP1WEExtends standard warranty to 5 Years on Unidrive SP - Size 1

SP2201-LCDUnidrive SP with LCD Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 15.5A (5hp) Heavy Duty - 12.6A (3hp)

SP2201-LEDUnidrive SP with LED Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 15.5A (5hp) Heavy Duty - 12.6A (3hp)

SP2201-NKPUnidrive SP without Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 15.5A (5hp) Heavy Duty - 12.6A (3hp)

SP2202-LCDUnidrive SP with LCD Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 22A (7.5hp) Heavy Duty - 17A (5hp)

SP2202-LEDUnidrive SP with LED Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 22A (7.5hp) Heavy Duty - 17A (5hp)

SP2202-NKPUnidrive SP without Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 22A (7.5hp) Heavy Duty - 17A (5hp)

SP2203-LCDUnidrive SP with LCD Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 28A (10hp) Heavy Duty - 25A (7.5hp)

SP2203-LEDUnidrive SP with LED Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 28A (10hp) Heavy Duty - 25A (7.5hp)

SP2203-NKPUnidrive SP without Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 28A (10hp) Heavy Duty - 25A (7.5hp)

SP2401-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 15.3A (10hp) Heavy Duty - 13A (10hp)

SP2401-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 15.3A (10hp) Heavy Duty - 13A (10hp)

SP2401-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 15.3A (10hp) Heavy Duty - 13A (10hp)

SP2402-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 21A (15hp) Heavy Duty - 16.5A (10hp)

SP2402-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 21A (15hp) Heavy Duty - 16.5A (10hp)

SP2402-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 21A (15hp) Heavy Duty - 16.5A (10hp)

SP2403-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 29A (20hp) Heavy Duty - 25A (20hp)

SP2403-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 29A (20hp) Heavy Duty - 25A (20hp)

SP2403-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 29A (20hp) Heavy Duty - 25A (20hp)

SP2WEExtends standard warranty to 5 Years on Unidrive SP - Size 2

SP3201-LCDUnidrive SP with LCD Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 42A (15hp) Heavy Duty - 31A (10hp)

SP3201-LEDUnidrive SP with LED Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 42A (15hp) Heavy Duty - 31A (10hp)

SP3201-NKPUnidrive SP without Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 42A (15hp) Heavy Duty - 31A (10hp)

SP3202-LCDUnidrive SP with LCD Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 54A (20hp) Heavy Duty - 42A (15hp)

SP3202-LEDUnidrive SP with LED Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 54A (20hp) Heavy Duty - 42A (15hp)

SP3202-NKPUnidrive SP without Keypad 230Vac Max Cont Output Current (hp): Normal Duty - 54A (20hp) Heavy Duty - 42A (15hp)

SP3401-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 35A (25hp) Heavy Duty - 32A (25hp)

SP3401-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 35A (25hp) Heavy Duty - 32A (25hp)

SP3401-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 35A (25hp) Heavy Duty - 32A (25hp)

SP3402-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 43A (30hp) Heavy Duty - 40A (30hp)

SP3402-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 43A (30hp) Heavy Duty - 40A (30hp)

SP3402-NKPUnidrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 43A (30hp) Heavy Duty - 40A (30hp)

SP3403-LCDUnidrive SP with LCD Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 56A (40hp) Heavy Duty - 46A (30hp)

SP3403-LEDUnidrive SP with LED Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 56A (40hp) Heavy Duty - 46A (30hp)

SP3403-NKPUndrive SP without Keypad 460Vac Max Cont Output Current (hp): Normal Duty - 56A (40hp)
Heavy Duty - 46A (30hp)

SP3501-LCDUndrive SP with LCD Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 5.4A
(3hp) Heavy Duty - 4.1A (2hp)

SP3501-LEDUndrive SP with LED Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 5.4A
(3hp) Heavy Duty - 4.1A (2hp)

SP3501-NKPUndrive SP without Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 5.4A (3hp)
Heavy Duty - 4.1A (2hp)

SP3502-LCDUndrive SP with LCD Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 6.1A
(5hp) Heavy Duty - 5.4A (3hp)

SP3502-LEDUndrive SP with LED Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 6.1A
(5hp) Heavy Duty - 5.4A (3hp)

SP3502-NKPUndrive SP without Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 6.1A (5hp)
Heavy Duty - 5.4A (3hp)

SP3503-LCDUndrive SP with LCD Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 8.4A
(7.5hp) Heavy Duty - 6.1A (5hp)

SP3503-LEDUndrive SP with LED Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 8.4A
(7.5hp) Heavy Duty - 6.1A (5hp)

SP3503-NKPUndrive SP without Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 8.4A
(7.5hp) Heavy Duty - 6.1A (5hp)

SP3504-LCDUndrive SP with LCD Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 11A
(10hp) Heavy Duty - 9.5A (7.5hp)

SP3504-LEDUndrive SP with LED Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 11A
(10hp) Heavy Duty - 9.5A (7.5hp)

SP3504-NKPUndrive SP without Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 11A (10hp)
Heavy Duty - 9.5A (7.5hp)

SP3505-LCDUnidrive SP with LCD Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 16A
(15hp) Heavy Duty - 12A (10hp)

SP3505-LEDUnidrive SP with LED Keypad 575Vac Max Cont Output Current (hp): Normal Duty - 16A
(15hp) Heavy Duty - 12A (10hp)

SP3505-NKPUnidrive SP without Keypad 575Vac Max Cont Output Current

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