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Find the *ACS Motion Control SB1391-C-E-R-A* at our website: *Click HERE*

> Product Diagram
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AC Induction
DC Brush
DC Brushless

- Stand-alone and Fully Programmable Operation
- Powerful I/O Handling with Advanced PLC Capabilities
- Modifiable Servo Algorithms
- Advanced "Search for Contact" Motion Mode for Pick & Place Applications
- Advanced Real-Time Position Event Generator-PEG
- Optional CAN Interface with CANopen Protocol
- Optional Resolver Feedback
- Integrated Digital Drive with Advanced 20/40kHz PWM Power bridge
- Full Interactive Application Development Suite
- Comprehensive C, C++ and Visual Basic libraries for DOS, Windows 3.x/95/98/NT and Linux

The SB1391 Universal Motion Control Module

Motion Controller with 1-5kW Digital Drive Offers Single-Axis Control for AC Induction, DC Brush and DC Brushless Motors.



The SB1391 is a powerful combination of an advanced programmable controller, an all-digital drive and a power supply. (A separate backup input is provided for protecting controller functions in power failures.)

The universal drive is software configurable for the following motor types: AC induction, DC brush and DC brushless (AC servo/synchronous) with sinusoidal commutation. Three power levels are available: 5A (10A peak), 10A (20A) and 15A (30A). Bus voltage range is 120-320VDC.

The SB1391 supports encoder (+ Hall) or resolver (12-bit resolution) as primary feedback. In addition to dedicated safety inputs, it has eight isolated inputs, eight isolated outputs, an analog input and an analog output.

SV's control modules are based on state-of-the- art, proprietary technology that has proven itself in many demanding applications, such as semiconductor assembly and testing, electronic assembly and inspection, digital printing, medical imaging, and packaging. Built-in capabilities simplify programming common applications, such as advanced pick & place, master/slave and electronic gearing and camming.

The modules can be programmed to handle motion, time and I/O events. They can operate stand-alone, without a PLC or a PC. RS-232/422/485 serial communications is standard and CAN interface with CANopen protocol is optional.

Windows tools are provided for setting up and tuning the modules and for developing application programs. Libraries for Microsoft C/C++, Borland C/C++ and Visual Basic are available for DOS, Windows 3.11/95/98/NT and Linux. The libraries support multithreading in Windows 95/98/NT.

Every module is manufactured under an ISO9001 certified quality management system, meets stringent safety and EMC standards, and is CE compliant.

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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