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Find the *Molex / Woodhead / SST 5136-SD / 5136-SD-ISA* at our website: *Click HERE*

ALLEN-BRADLEY DH/DH+/RIO ISA INTERFACE CARD

Overview

The SST Allen-Bradley ISA interface card connects your ISA bus computer to Allen-Bradley's Data Highway (DH), Data Highway Plus (DH+) and Remote I/O (RIO) (scanner or adapter mode) networks.



Applications

Many third party software programs support the SST interface card for various applications including:

- Operator Interface / HMI
- SCADA
- Network Diagnostics for Data Highway Plus and 1771 Remote I/O
- PLC programming

Features

- Supports 57.6, 115.2 and 230.4 Kbaud rates on DH+ and 57.6 Kbaud on DH
- Supports communication as one or more slave racks using RIO
- Software support included for emulation of Allen-Bradley's 1784-KT card
  - Compatible with Rockwell Software's RSLinx and its RS family of products
- Most third party products include support for the SST ISA Card including Rockwell Software's RSLinx communication software
- Dual Application Interface (DAI) allows either two 16 bit or 32 bit Windows programs simultaneous access to one SST card
- Simple connection to network using a 6-pin screw terminal connector

Custom Driver Development

The ISA card interfaces with the host processor through shared memory. A fully documented host memory interface is provided. The card does not require external libraries, which simplifies custom driver development in your chosen operating system. DOS example programs with C source are included to assist you with your software development. A kernel device driver, Windows DLLs and 32-bit Windows sample applications are also included.

Included with SST Allen-Bradley ISA Card

- **OPC Server for DH+**
- **DH+ Analyzer/Monitor**
- **1771 Remote I/O Logic Analyzer/Monitor**
- **Software support for emulation of Allen-Bradley's 1784-KT interface card**
- **Dual Application Interface**
- **24/7 Global Technical Support**

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Hardware Specifications

- Quarter length ISA interface card
- Supports 57.6, 115.2, and 230.4 Kbaud on DH+
- Support communication as one or more racks using RIO
- Occupies 16 or 32 Kbytes of host computer memory address space; memory location and size software configurable
- Port addresses 200 to 6F8 supported on 8 byte boundaries
- Memory addresses 8000 to FC00 supported on 16 or 32 Kbyte boundaries
- Multiple ISA cards can be configured in the same computer
- Optional interrupt generation on network events
- Interrupts 2, 3, 4, 5, 6, and 7 supported
- Compatible with PLC-2* PLC-3*, PLC-5, PLC-5/250, and SLC 5/04
- Operational temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)
- Power requirement: +5 V @ 500mA

Other Reference Materials

Web Site:

- www.mySST.com/cards/ab/ab.asp

Related Allen-Bradley Products

- Network Interface Cards connect various computer bus formats to industrial networks
- Network Diagnostic and Configuration Software
- I/O Simulation Software provides control systems testing and operator training
- Network Gateways
- PLC Network Modules connect programmable controllers to industrial networks and I/O devices
- Data Servers include OPC and DDE Servers

Ordering Information

- Order part number 5136-SD-ISA
  Includes functionality formerly included in the following obsoleted part numbers:
  - *5136-SD-ISA-S - SST Allen-Bradley Remote I/O (Scanner) ISA Interface Card*
  - *5136-SD-ISA-R - SST Allen-Bradley Remote I/O (Adapter) ISA Interface Card*

** Does not support front port current loop connection to PLC-2 or PLC-3 processors*

www.mySST.com

Also available from SST:

Gateways
PLC Modules
Data Servers
Interface Cards
Embedded Solutions
I/O Simulation Software
Diagnostic and Configuration Software

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