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Find the *Molex / Woodhead / SST 5136-DN-VME* at our website: *Click HERE*

DEVICENET VME INTERFACE CARD

Overview

The SST DeviceNet interface card connects your VME bus computer to DeviceNet.



Applications

The following devices can be connected to DeviceNet using the SST VME interface card:

- VME based programmable controllers
- VME based motion controllers
- VME based computers

Features

- Entire DeviceNet Protocol is implemented on the card
- UCMM capable, Group 1, 2, and 3 dynamic explicit connections supported
- Simultaneous execution of Group 2 Client (master) and Server (slave) operation
- All DeviceNet standard baud rates supported: 125, 250, and 500 Kbaud
- Full DeviceNet implementation including Change of State (COS) and explicit messaging
- DeviceNet compliance is ensured at the card level for I/O scanner and device applications
- Open memory map interface simplifies custom driver development and eliminates language compiler / operating system dependency

Custom Driver Development

The DeviceNet VME card interfaces with the host processor through shared memory. A documented host memory interface is provided and 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 with each card to assist you with your software development.

Included Free of Charge:

- **Custom driver development software**
- **24/7 global technical support**

DeviceNet™ CONFORMANCE TESTED

ROCKWELL AUTOMATION ENCOMPASS AMERICAS - EUROPEAN PARTNER

ODVA

SST™

www.mySST.com

Network Interface Cards

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Hardware Specifications

- Double-height, single-width card using P1 connector
- Compatible with ANSI/IEEE Std. 1014
- Responds to Standard Supervisory and Non-Privileged Address modifier codes
- Multiple cards can be configured in the same computer
- Configurable interrupt via dip switches
- DeviceNet compatible 5-pin DeviceNet connector
- DeviceNet compatible network status bicolor indicator
- Supports connection to non-powered (3 wire) CAN network external 12-24 VDC supply
- Compatible with CAN specification 2.0 part A
- Supports CAN data rates up to 1 Mbaud
- Supports all standard DeviceNet data rates: 125, 250 and 500 Kbaud
- 500 V network isolation
- Operation temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)
- Power requirements: 5 V +/- 5% 500 mA (typical)

Other Reference Materials

Web Site

- www.mysst.com/cards/devicenet/dn.htm

Related DeviceNet Products

- Network Interface Cards connect various computer bus formats to industrial networks
- Embedded Network Solutions provide OEMs and device manufacturers with connectivity to industrial networks
- Network Diagnostic and Configuration Software
- Network Gateways provide connectivity between two dissimilar networks; over 45 industrial network protocols currently supported
- PLC Network Modules connect programmable controllers to industrial networks and I/O devices
- Data Servers include OPC and DDE Servers

Certifications

- DeviceNet Conformance Tested

Affiliations

- SST is an active member of the ODVA (Open DeviceNet Vendor Association)
- The SST DeviceNet VME Interface Card is referenced in Rockwell Automation Encompass Programs

Ordering Information

- Order part number 5136-DN-VME

Due to component discontinuances, this product has been placed on One Year Allocation status and will be discontinued by the fall of 2002. This means that by September 14, 2001, customers must submit a forecast of their remaining demand.

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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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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