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Find the *Molex / Woodhead / SST DeviceNet 5136-DNS-200S* at our website: ***Click HERE***

The BradCommunications™ SST™ communications module provides connectivity between a DeviceNet™ network and Siemens ET200S expansion modules.

DeviceNet™ Slave Adapter

For Siemens ET200S expansion modules

Features

- **Supports all Siemens ET200S expansion modules**
- **Up to 63 expansion modules supported per SST adapter**
- **Supports expansion module parameterization**
- **Supports expansion module diagnostics**
- **3 LEDs provide diagnostic information on module, network and I/O status**
- **Module "hot swap" supported**
  - **Allows replacement of expansion modules while device is active on network without removing power**



Overview

The BradCommunications™ SST™ 5136-DNS-200S DeviceNet™ slave adapter is an IP20 compliant communications adapter for interfacing to Siemens ET200S expansion modules. It is a modular device capable of operating out of the box without any special configuration software. To take full advantage of advanced diagnostics and features, a configuration tool is required.

The SST adapter can operate in two modes: automatic configuration and user configured. When operating in automatic configuration mode, the SST adapter configures its I/O size, module parameterization data and configuration data according to the combination of ET200S expansion modules present at power-up and reset. When operating in user configured mode, the SST adapter's I/O sizes, I/O module parameterization and I/O configuration are stored in non-volatile memory and accessed via the Slot Object.

The SST adapter has 3 LEDs that provide diagnostic information about the current state of the device and provide an indication of any faults. The LEDs conform to the behaviors defined in the DeviceNet specification for the module status, network status and I/O status LEDs.

This module, which was developed with licensed technology from Siemens, acts as a DeviceNet slave allowing you to connect to Siemens I/O. For more information on expansion modules and I/O, please contact your local Siemens representative.

DeviceNet CONFORMANCE TESTED

ODVA™

Woodhead

BradCommunications™

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DeviceNet™ Slave Adapter

PLC Network Interface

DeviceNet Features

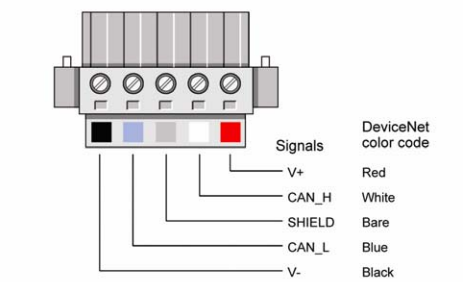
- **Complies with DeviceNet™ specification volume I, release 2.0 & volume II, release 2.0**
- **Supports all standard DeviceNet data rates: 125, 250, 500 Kbps**
- **Operates as a Group 2 only server (non UCMM-capable)**
  - **Supports explicit messaging connection**
  - **Supports poll, strobe, cyclic and change-of-state I/O connections**
  - **Supports fragmented I/O (maximum 128 bytes input and 128 bytes output)**
  - **Supports fragmented explicit messaging**
- **Supports Configuration Consistency Value (CCV)**
- **Data rate and node address (MAC ID) configured via DIP switch**
- **Supports Device Heartbeat messages**
- **Supports Device Shutdown messages**

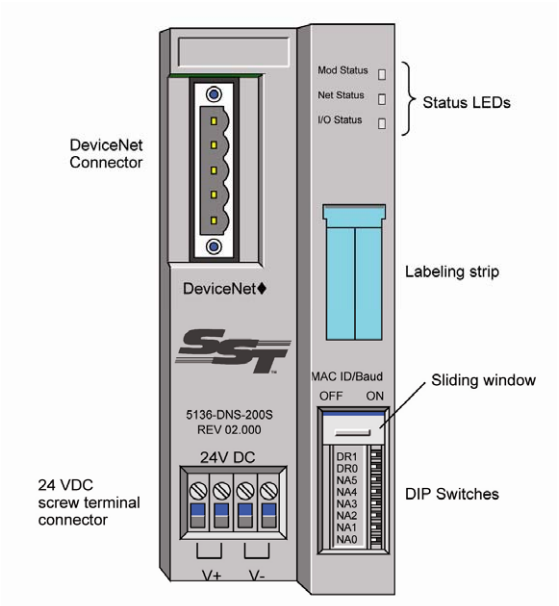
Hardware Specifications

I/O Configurations	Up to 63 expansion modules supported
DeviceNet Connector	DeviceNet™ compliant 5-pin connector with screw locks
Size (w x h x d)	45 x 19.5 x 75 mm
Module Voltage (class 2 power supply)	24 VDC
Reverse Polarity Protection	Yes
Current Consumption (input voltage–adapter module only)	125 mA @ 5V maximum
DeviceNet Interface: **- Voltage Range** **- Current Consumption**	 11 – 25 VDC 75 mA maximum
Electrical Isolation (insulation test voltage)	500 VDC
Module Power Dissipation	3.3 W typical
Protection	IP20
IEC Rating	IEC 1131, Part 2
Approvals	ODVA, CE, UL, CSA, FM

Ordering Information

Part Number	Description
5136-DNS-200S	BradCommunications™ SST™ DeviceNet slave adapter for Siemens ET200S expansion modules





Brad from molex

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