



PRODUCT ANNOUNCEMENT

2576 DeviceNet™ Scanner Module



Description

The 2576 *DeviceNet™* module interfaces a SIMATIC® 505 PLC to a DeviceNet network. The module provides one DeviceNet channel which can attach up to 63 network devices. Multiple modules can coexist in the same I/O chassis.

The module logs into the PLC as a high density module (32X, 32Y, 32WX, and 32WY) and as a Special Function module. Data points on DeviceNet nodes can be mapped to X, Y, WX, and WY points and read as normal discrete or analog values. In addition, DeviceNet data can be mapped to V memory and automatically transferred via the Special Function interface. The PLC can also use the Special Function interface to monitor DeviceNet status, to send DeviceNet messages, and to configure the DeviceNet system.

Serial ports on the module provide DeviceNet access to configure the module. Network configuration data is stored in module flash EEPROM. Optionally, configuration data may be uploaded to PLC memory and used by the PLC to start the DeviceNet system.

Convenient front panel LEDs indicate the status of the module and the DeviceNet network. A 24VDC power supply can be connected to the built-in power tap to provide power for the DeviceNet network.

Features

- Connects 505 PLC to a DeviceNet network.
- DeviceNet points appear as a standard PLC I/O.
- RS-232 serial port enables configuration of module and network devices.
- PLC logic can be used to send and receive DeviceNet messages, if desired.
- Front panel LEDs allow monitoring of module and network devices.
- Built-in power tap can be used to power DeviceNet network.

Specifications

Configuration Port: RS-232, Male DB9 connector

Auxiliary Port: RS-232, Male DB9 connector

DeviceNet™ Port: DeviceNet standard connector

Power Tap: Phoenix style 3 pin

Status LEDs:

Active (1), Transmit (1 per port), Receive (1 per port),
Module Status (1), Network Status (1),
Node Address (2), Status Code (2)

Module Size: Double wide Siemens SIMATIC TI505 I/O

Backplane Power Consumption: 7.0 watts @ 5VDC

Environmental:

Operating Temperature: 0° to 60°C (32° to 140°F)
Storage Temperature: -40° to 85°C (-40° to 185°F)
Relative Humidity: 5% to 95% (non-condensing)

Shipping Weight: 3 lbs.

Agency Approvals: UL, FM pending