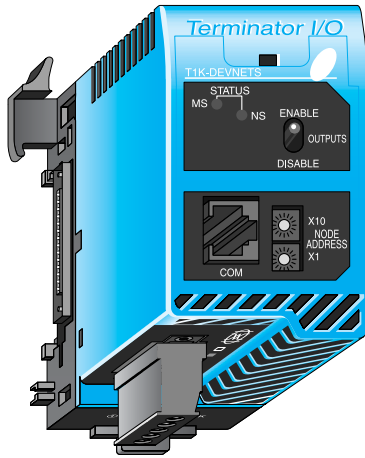


DeviceNet Slave

T1K-DEVNETS <--->



DeviceNet I/O system overview

If you are already using or planning to implement a DeviceNet controller network, our Terminator I/O sub-system will help further reduce the cost of your overall application. We now offer the T1K-DEVNETS (slave) module, which allows our Terminator I/O sub-system to be linked with a DeviceNet master controller. DeviceNet is a low-cost control network that provides a common method to connect on a single network. This advanced communications media and software is referred to as DeviceNet and significantly reduces hardwiring costs. DeviceNet provides specifications for information exchanged between nodes, such as controller data associated with low-level devices and configuration parameters individually related to system operations.

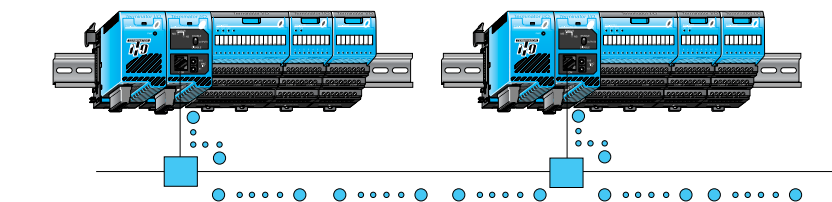
Here's how it works:

The T1K-DEVNETS module is a DeviceNet slave. This module maintains a database with all the identification data, diagnostic information, and parameters that control the module operation. The T1K-DEVNETS module scans and reports all discrete and analog I/O data to a DeviceNet master. The AC power supply provides a 24 VDC output for simple wiring of sensors and actuators into the Terminator I/O DeviceNet sub-system will increase installation flexibility as well as save on wiring costs. The T1K-DEVNETS module supports all Terminator I/O discrete and analog I/O modules.

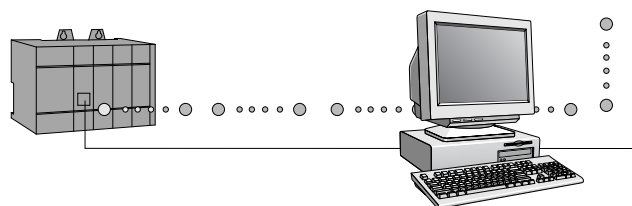
The T1K-DEVNETS also offers the following features:

- **Cost-effective:** With a single network for devices, hardwiring costs are reduced.
- **Easy connectivity:** Low-cost four wire installation is easy to implement and maintain.
- **Innovative technology:** Power is integrated into the device wiring.
- **Diagnostics:** The module provides advanced error diagnostics not commonly available in traditional control systems.
- **Highly dependable:** Fast response for demanding applications.
- **LED indicators:** Provide quick indication of Terminator I/O power and operating mode.

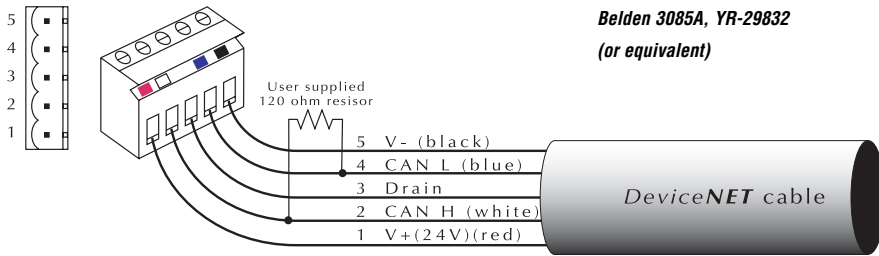
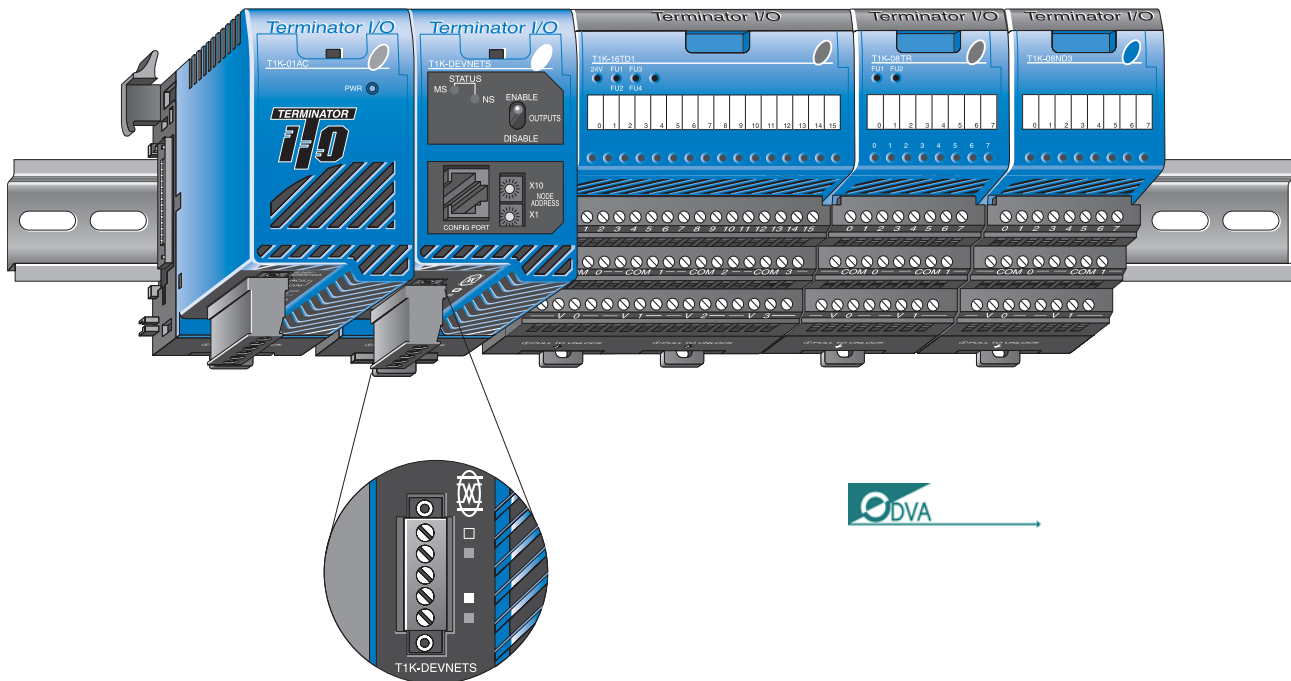
General Specifications	
DeviceNet Compatibility	Predefined Group 2 master/slave communications
Maximum Field Devices per Bus	64 (see table next page)
Maximum I/O Points per DEVNETS	1024 input bits (analog or discrete) 1024 output bits (analog or discrete) as specified by DeviceNet Slave Polling Specification
Communication to Field Devices	Standard 4-wire shielded cable to cabinet connector, molded 4-wire cable @ up to 500Kbps to field devices
Serial Port	RS232C, RJ12, Protocol support: K-sequence, ASCII
Module Connector	5-position removable terminal (European style)
Operating Temperature	0 to 55°C (32 to 131°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
Relative Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases permitted
Vibration	MIL STD 810C 514.2
Shock	MIL STD 810C 516.2
Noise Immunity	NEMA ICS3-304, Impulse noise 1ms, 1000V FCC class A, RFI (144Mhz, 430Mhz 10W, 10cm)



Connect our Terminator I/O
to your DeviceNet network.



DeviceNet Slave



Recommended cable:
Belden 3085A, YR-29832
 (or equivalent)

Please Note:

1. For use with Think & Do Software, we recommend the SST DeviceNet PCI Master Card, part number 5136-DNP-PCI. (Automation Direct does not provide this interface). See www.mysst.com for more information.
2. Terminator I/O DeviceNet slave network interface module T1K-DEVNETS is an ODVA certified DeviceNet-compliant slave I/O interface product. See www.odva.com for more information.

Trunk Length		Comm Speed	Branch Length		Devices
Feet	Meters	Baud	Feet	Meters	Maximum
328	100	500 Kbps	20	6	64
820	250	250 Kbps	20	6	64
1,640	500	125 Kbps	20	6	64

For other DeviceNet specifications, compatible products and latest DeviceNet information, contact:
Open DeviceNet Vendor Association
 Contact: Executive Director Katherine Voss
 Phone: 734/975-8840 • Fax: 734/922-0027
 Internet address: <http://www.odva.org>
 e-mail: odva@odva.org
 ODVA, Inc. • 1099 Highland Drive, Suite A, Ann Arbor, MI. 48108

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- DL305 PLC
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- Field I/O**
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- Other HMI
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- Motors
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- Motor Controls
- Proximity Sensors
- Photo Sensors
- Limit Switches
- Encoders
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