

# DL05/06 DeviceNet™ Slave Comm. Module

PLC Overview

DL05/06 PLC

DL105 PLC

DL205 PLC

DL305 PLC

DL405 PLC

Field I/O

Software

C-more HMIs

Other HMI

AC Drives

Motors

Steppers/Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pushbuttons/Lights

Process

Relays/Timers

Comm.

TB's & Wiring

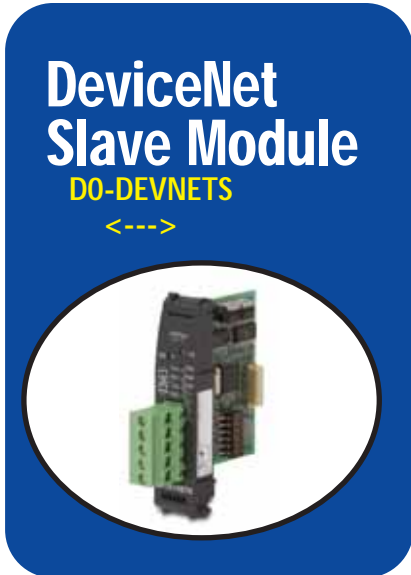
Power

Circuit Protection

Enclosures

Appendix

Part Index



General Specifications	
<b>DeviceNet Compatibility</b>	Predefined Group 2 Master/Slave communications
<b>Maximum Field Devices per Bus</b>	64 (see table below)
<b>Communication to Field Devices</b>	Standard 4-wire shielded cable to cabinet connector, molded 4-wire cable @ up to 500Kbps to field devices
<b>Module Connector</b>	5-position removable terminal (European style)
<b>Operating Temperature</b>	0 to 55°C (32 to 131° F)
<b>Storage Temperature</b>	20 to 70°C (-4 to 158° F)
<b>Relative Humidity</b>	5 to 95% (non-condensing)
<b>Environmental Air</b>	No corrosive gases permitted
<b>Vibration</b>	MIL STD 810C 514.2
<b>Shock</b>	MIL STD 810C 516.2
<b>Noise Immunity</b>	Impulse noise 1μs, 1000V FCC class A RFI (144MHz, 430MHz 10W, 10cm)
<b>Power Consumption</b>	45mA @ 5VDC

The D0-DEVNETS option module transforms any DL05 or DL06 into a smart device node on your DeviceNet™ controller network. Now you don't have to turn to a more expensive PLC to get DeviceNet capability.

DeviceNet is a low-cost control bus used to connect field devices to PLCs and PCs. DeviceNet is designed to reduce the need for hard-wiring while providing device-level diagnostics. This industrial protocol links up to 64 nodes on a single network.

The D0-DEVNETS slave module slides into the option module slot of any DL05 or DL06 PLC. The module collects and reports all discrete I/O data to a DeviceNet master.

The D0-DEVNETS module has a removable connector that makes the four-wire connection easy to implement and maintain. The DeviceNet module incorporates advanced diagnostics not commonly found on traditional industrial networks. This module has the quick response time and high dependability expected from any DeviceNet device.

Trunk Length		Bits per sec	Branch Length		Devices
Feet	Meters		Feet	Meters	
328ft	100m	500Kbps	20ft	6m	64
820ft	250m	250Kbps	20ft	6m	64
1,640ft	500m	125Kbps	20ft	6m	64

Other DeviceNet specifications, compatible products, and latest DeviceNet information are made available through:  
 Open DeviceNet Vendor Association  
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