

DL05/06 DeviceNet Slave Comm. Module



General Specifications	
DeviceNet Compatibility	Predefined Group 2 Master/Slave communications
Maximum Field Devices per Bus	64 (see table below)
Communication to Field Devices	Standard 4-wire shielded cable to cabinet connector, molded 4-wire cable @ up to 500Kbps to field devices
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	Impulse noise 1µs, 1000V FCC class A RFI (144Mhz, 430Mhz 10W, 10cm)
Power Consumption	45mA @ 5VDC

The D0-DEVNETS option card 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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