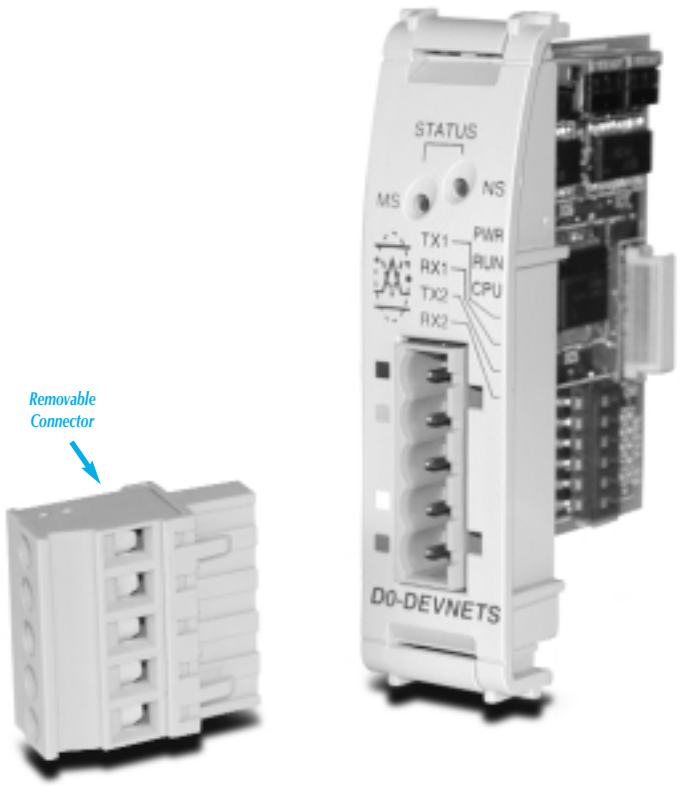
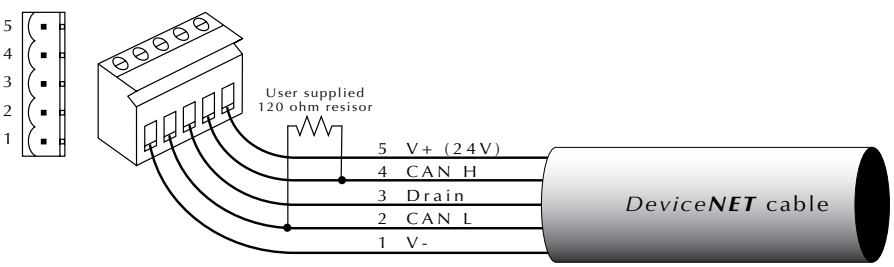
D0-DEVNETS slave

The D0-DEVNETS option card transforms any DL05 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 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 card slot of any DL05 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 out of 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
Contact: William H. (Bill) Moss, Executive Director
Phone: (954) 340-5412 Fax: (954) 340-5413
Internet Address: http://www.odva.org
e-mail: odva@powerinternet.com
ODVA, Inc.
20423 State Road 7
Boca Raton, FL 33498

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 . . . . . .NEMA ICS3-304
. . . . . .Impulse noise 1μs, 1000V
. . . . . .FCC class A
. . . . . .RFI (144Mhz, 430Mhz 10W, 10cm)