

Features

- 6.020" X 3.720" cut-out
- 6.400" X 4.500" X 2.450" overall
- 24-bit Digital Keypad Input
- 24-bit Digital LED Output
- Switch settable MACID and Baud Rate
- DeviceNet LED Indicators
- 5-pin DeviceNet connector

Applications

- Process Data Acquisition

Description

The CDN122 provides a high density DeviceNet controller. The unit may be rack mounted. The CDN122 supports 24 bit-keypad input and 24-bit LED output.

Processor power is monitored to ensure integrity of the system. Rotary switches provide control over the DeviceNet MacID and Baud Rate settings.

DeviceNet Model

The CDN122 supports standard DIP and DOP.

The unit supports Explicit, Polled I/O Messages of the predefined master/slave connection set.

I/O Connections

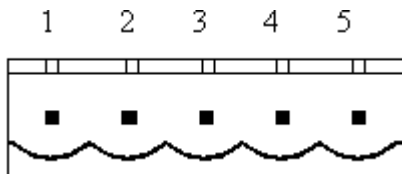
The CDN122 provides a 5-pin DeviceNet connector to interface to a DeviceNet Networks.

Ordering Options

Option	Digital Input	Digital Output
CDN122	24	24
CDN121	16	16

5- Pin DeviceNet Connector

Pin	Definition	Wire Color
1	V-	Black
2	CAN_L	Blue
3	Drain	Bare
4	CAN_H	White
5	V+	Red



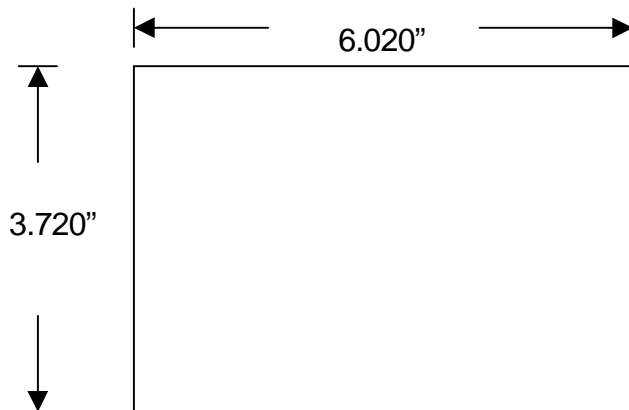
DeviceNet Classes

CLASS CODE	OBJECT TYPE
01 (0x01)	Identity
02 (0x02)	Router
03 (0x03)	DeviceNet
04 (0x04)	Assembly
05 (0x05)	Connection
08 (0x08)	Digital Input Point
09 (0x09)	Digital Output Point

Specifications

Specification	Min	Typ.	Max	Description/notes
DeviceNet				ISO 11898 transceiver, optically coupled
MacID	0		63	Hardware settable (switch/backplane), Software settable
Data Rate	125		500	Kbit/second, hardware or software settable
Vpwr	11		25	Vdc
Ipwr		150	200	mA at 24 Vdc
Digital Inputs				24 Input Channels
Isink		1mA		Per Channel
Digital Outputs				24 Outputs Channel
Isource		48mA	50mA	All Outputs on

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