INC,LLC
DIGITAL I/O
CANIO01

NEMA 4X

ABS Plastic

Overview:

The INC, LLC. Digital I/O module has 16 I/O points. The user can configure each of the I/O points as Inputs or Outputs. Four of the points can be configured for a PWM output. Output points are protected from over temperature, over current, short circuit, and can detect open loads. Each output can be configured for a low side or high side driver depending on how the output is wired. Each output is limited to .8A and is capable of .3A continuous per output.

The I/O Module is available in three different enclosures, economical black ABS plastic, Nema 4 aluminum alloy, or Nema 4X polycarbonate. All versions are potted to help protect against vibration, shock, and foreign matter. The Network connector is available in a standard 5 pin sealed micro connector or a low cost 5 pin Combicon connector with screw flanges. The Combicon connector allows the use of lower cost cabling, and also allows the use of a dual row Combicon plug to facilitate the daisy chaining of modules in the network.

Network Operation:
The DeviceNet version supports UCMM Explicit, Poll, Peer-to-Peer, COS, and Strobe connections.
The CANopen version supports communication through SDOs and PDOs.
Please see the CANRS01 CANopen and CANRS01 DeviceNet Network Specifications for more details.

Applications:

Digital I/O control, Digital I/O monitoring.

Ordering Information:

Order #: CANIO01-NT-NC-NI-C1-EN-T

Abbreviation	Meaning	Option
NT	Network Type	CO= CANopen DN= DeviceNet[tm]
NC	Network Connector	MC=5 pin micro CB=5 pin Combicon with screw flanges (available only in econo enclosure)
NI	Network Isolation	NI= Non-Isolated IS= Isolated (Isolation is required for DeviceNet[tm] compliance if the unit is connected to a device powered by a source other than DeviceNet[tm])
C1	I/O Connector	DB= DB-44 PT= Pigtail w/strain relief (please specify cable type and length when ordering)
EN	Enclosure Type	AB=ABS AL=Nema 4 Aluminum PC=Nema 4X Polycarbonate
T	Temperature Range	C=Commercial (0-70C) E=Extended (-40 +85C)