

Specifications

In This Appendix. . . .
— Specifications

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General	
Operating Temperature	32° F to 131° F (0° C to 55° C)
Storage Temperature	-4° F to 158° F (-20° C to 70° C)
Ambient Humidity	5% – 95% relative humidity (non-condensing)
Voltage Withstand	1500VAC, 1 minute (DeviceNet connector internal)
Insulation Resistance	500VDC, 10MΩ (DeviceNet connector internal)
Vibration Resistance	MIL STD 810C, Method 514.2
Shock Resistance	MIL STD 810C, Method 516.2
Noise Immunity	NEMA (ICS3-304) Impulse noise 1μs, 1000V FCC class A RFI (145MHz, 435MHz 10W, 10cm)
Atmosphere	No corrosive gases Environmental Pollution Level 2

Communication	
Communication form	DeviceNet Communication Protocol (Slave) Predefined Master/Slave Group 2 Server only
Network Node Address	0 to 63 (Set by jumpers)
Data Packet	1 to 128 Bytes (Data beyond eight bytes are divided by fragmentation)
Communication Rate (Max. cable length)	125KB (1640 ft./ 500m) 250KB (820 ft./ 250m) 500KB (328 ft./ 100m)
Communication Status Indicator	MS: Module Status LED [Red/Green] NS: Network Status LED [Red/Green]
DeviceNet Power Consumption	11 to 25 VDC (45mA max.)

DeviceNet	
Device Type	Generic
Explicit Peer to Peer Message	No
I/O Peer to Peer Message	No
Configuration Consistency	No
Fault Node Recovery	No
Communication Baud Rate 125K, 250K, 500K	Yes
Master/Scanner	No
I/O Slave Message	Bit Strobe No Polling Yes Cyclic No Change of State No

Serial Port Communications	
Connector	6 pin female modular (RJ12 phone jack)
Connection Port Type	RS-232C
Protocol	Proprietary
Station Number	1 (fixed)
Baud Rate	9600 and 19200 bps
Data Bits	8
Start Bits	1
Stop Bits	1
Parity	None
Communication Time out	Prescribed Time

I/O Modules	
Number of I/O points	128 Bytes (1024 bits) In/128 Bytes (1024) Out
Number of Slots (I/O Modules)	1 to 8 slots
Self-diagnostics	Watchdog Timer Memory check
I/O module types	Discrete Input Module Discrete Output Module Analog Input Module Analog Output Module
Internal Power Consumption	190mA at 5VDC
Max. time of external power loss	10ms