INTELLIGENCE

Two Wire Remote I/O System

INTELLIGENCE
Model DI-201
8 Channel Remote Digital Input Module

- **8 Opically Isolated Digital inputs**
- **High Communication Speed**
- **Expandable I/O**

The INTELLIGENCE DI-201 is micro-processor based two wire remote digital input unit that gives the building operator an integrated system solution for monitoring and control of building equipment from smaller buildings to larger facilities.

As a general purpose, an intelligent monitoring unit, the DI-201, provides 8 digital inputs that can be digital voltage free contact, switches or open collector output from another device. Thus, "INTELLIGENCE" DI-201 can be integrated fora wide range of facility remote monitoring and control application, such as, remote equipment status/alarm annunciator application, remote or even security monitoring purposes.

The "INTELLIGENCE" DI-201 diigtal input board has 8 optically isolated digital input connection.

Communications

Communication to "INTELLIGENCE" DI-201 is handled through half duplex RS-485 serial interface at the data transmittion rate at 19,200 bit/sec that is capable of transmitting multiple digital and analog signals up to 1.2 km, via a 1 pair of twisted pair with shielded cable.

I/O Expansion

DI-201 contains the I/O expansion port for the additional low cost digital input expansion module DIX-201 and one DIX-201 digital input expansion board can be connected together (1 DI-201 and 1 DIX-101) and each DIX-201 gives additional 8 digital inputs.

Specifications

Power	12 VDC
Current Consumption	200 mA
Communications	RS-485 Serial Communication
Communications Speed	19,200 bit/sec
Bus Lenght	1,200 m. max. via twisted pair with shielded cable
Input:	8 optically isolated digital inputs that can accept
	- Digital Voltage Free Contact
	- Switches
	- Open Collector Output

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