Digital Input Module
DI2000

- 32 Digital Input (Opto Isolated)
- RS232, RS485 Isolated
- MODBUS Protocol
- DIN Rail Mounting

Digital Input Module DI2000 is a device that received Digital Input for 32 channels. There is RS-232 and RS-485 connector, therefore, computer, PLC, Touch Screen can be connected. Application example are display machine status, alarm status, expand digital input of PLC etc.
### Specifications

**Serial Interface**

**Serial Standards:**
- RS232 Connector RJ12 6 Pin
- RS485 (Isolated) 4 Pin Terminal Block

**Loading:** RS485 Max 32 Unit

**Distance:**
- RS232 Length 15 m.
- RS485 Length 1 Km.

**Protocol:** MODBUS ASCII/RTU, Wisco ASCII

**Supply Software:** Citect, Wonderware, LAB View etc.

**Serial Parameter**

- **Baud Rate:** 4800, 9600, 19200, 57600
- **Data Bits:** 8
- **Stop Bits:** 1
- **Parity:** None

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**Digital Input**

- **Number of Channel:** 32 Channels
- **Sensor Type:** wet Contact
- **wet Contact (DI to GND):**
  - ON : 12 to 24 VDC
  - OFF : 0 to 3 VDC
- **Isolation:** Opto Isolated

**Power Requirements**

- **Power Supply:** 110, 220 VAC
  - 12 VDC, 24 VDC (Optional)

**Environmental Limits**

- **Operating Temperature:** 0 to 55 °C
- **Operating Humidity:** 5 to 95% RH
- **Storage Temperature:** 0 to 70 °C

**Physical Characteristics**

- **Dimension:** W160 x H90 x D60 mm.
- **Mounting:** DIN Rail

**Warranty**

- **Warranty Period:** 5 year

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**Ordering Information:** Specify Power Supply

**Example**

DI2000/220 VAC

**Package Checklist**

1. DI2000
2. RS-232 Cable
4. CD Software

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**Diagram**

![Diagram of DI2000](attachment:diagram.jpg)