

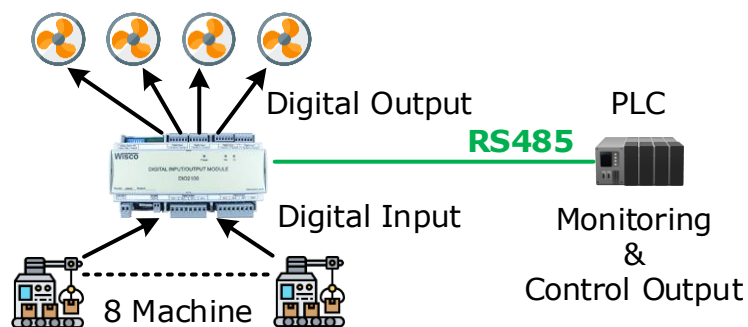
Digital Input/Output Module

DIO2100



- 16 Digital Input
(Isolated 1000 V)
- 8 Digital Output
(Relay Contact)
- RS485 Isolated

Digital Input/Output Module DIO2100 has 16 Digital Input channels and 8 Relay Contact of Digital Output channels. DIO2100 is set up by RS-232 or RS-485 connector, therefore computer or PLC can be connected. Application Example are machine status display, Alarm status, Control ON-OFF status.



Specifications

Serial Interface

Serial Standards:

RS485 (Isolated) 2 Pin Terminal Block

Loading: RS485 Max 32 Unit

Distance: 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

Digital Input

Number of Channel: 16 Channels

Sensor Type: Wet Contact or Dry Contact

Wet Contact (DI to COM):

ON: 12 to 24 VDC

OFF: 0 VDC

Dry Contact (DI to GND):

ON: Short to GND

OFF: Open

Isolation: Opto Isolated

Ordering Information: Specify Power Supply

Example DIO2100/220 VAC

Package Checklist

- DIO2100

Relay Output

Number of Channel: 8 Channels

Relay Type: N.O.

Contact Rating:

5 A @ 250 VAC

5 A @ 30 VDC

Power Requirements

Power Supply: 85 to 230 VAC

12 to 35 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

