

inos_d0012

Digital Output Module



Features

- Compact Din rail Mounting
- Modbus RTU through RS485
- Plug and play Device
- Industry Compliant
- Modular Architecture
- Rugged Durability

Display Features

- 2 Digits Multi-Function Display
- MODBUS Setting (ID, Baud rate & Parity Setting)
- Outouts Present Status
- LED Indication for Communication

Use Cases

- Process Automation
- Automotive Industry
- Retrofit old machines with new devices
- Building Automation
- Sub-station Automation
- Input to Output Expansion / Integration
- Process Optimization

Specifications

Power

- Operating Voltage 24 VDC
- Power Consumption Maximum 5 Watt

Digital Outputs

- Outputs 12 Channel Digital Output 0 VDC
- Field signal type Open collector (Sinking), (Current 200mA)
- Output Signal Mode Latch or One pulse (pulse duration 0 mse to 9999mse)
- Isolation Type Optically Isolated (2KV)
- Protections Up to 1500 Vrms for 1 Minute

Data Connectivity

- Connectivity Supported Isolated RS485
- Protocol Supported Modbus RTU
- Communication Interface 2-Wire Type
- Watchdog Timer System (5 Sec)

Environmental

- Operating Temperature 0 °C to + 70 °C
- Storage Temperature -40 °C to + 85 °C
- Operating Humidity 0 to 95% (non-condensing)

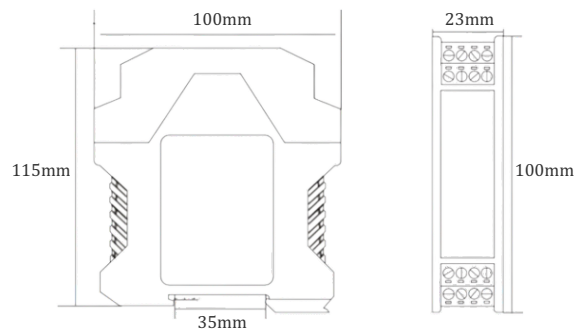
Pin Mapping

| | | | |
|---|-----------|----|-----------|
| 1 | Output 01 | 9 | Output 09 |
| 2 | Output 02 | 10 | Output 10 |
| 3 | Output 03 | 11 | Output 11 |
| 4 | Output 04 | 12 | Output 12 |
| 5 | Output 05 | 13 | DC24V + |
| 6 | Output 06 | 14 | DC24V - |
| 7 | Output 07 | 15 | RS485 A |
| 8 | Output 08 | 16 | RS485 B |

Mechanical

- Dimensions (mm) 23.0(L) X 100.0(W) X 115.0(H)
- Enclosure Polyamide (PA66)
- Weight 150g

Mechanical Dimensions



Application

