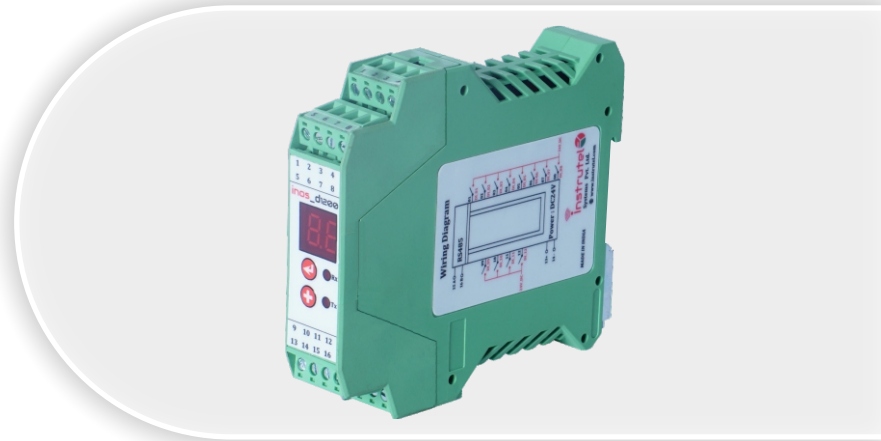


# inos\_d1200

## Digital Input 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*)
- Inputs Live 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 Inputs

- Inputs 12 Channel Digital Input 24 VDC
- Isolation Type Opto-coupler
- Protections Up to 1500 Vrms for 1 Minute

#### Data Connectivity

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

#### Environmental

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

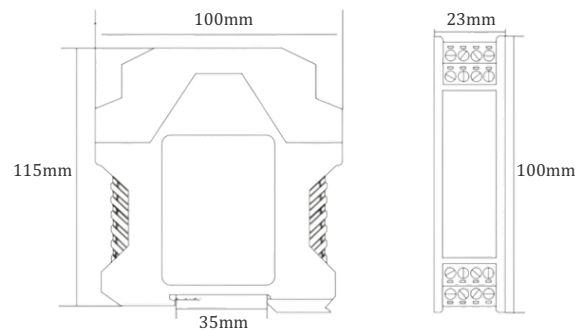
### Pin Mapping

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

