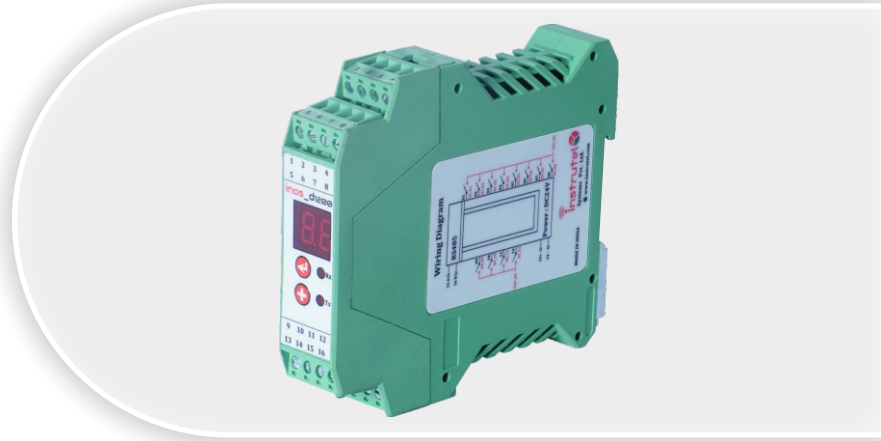# inos_d1200
Digital Input Module

Features

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

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   10 - 24 VDC
- Power Consumption   Maximum 1 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
- Watchdog Timer   System (5 Sec)

Environmental

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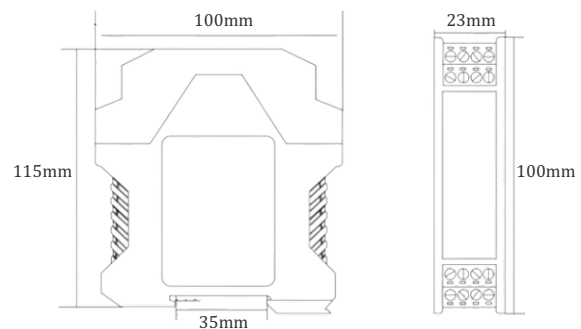- Operating Humidity   0 to 95% (non-condensing)

Pin Mapping

1	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

Different Type of Digital controllers

or

or

12 Channel Digital Input from various machines and sensors can be monitored by legacy devices through RS485 interface.

12 Channel Digital Input with Rs485 converter

PLCs