

IO 16DI 16 Digital Inputs Modbus Modules Features

These modules are used with HMI, PLC or SCADA via Modbus RTU

protocol. IO Studio is its PC software for setting communication. Data

Acquisition Studio is its PC software for DAQ purpose.

- Portable
- Modbus connectivity
- Simple setup and easy handling
- Up to 128 Module on RS485 network
- Isolated modules available for special applications
- Low-cost IO modules addition to existing PLC system
- Standard software for module configuration and trouble shooting
- Date acquisition software for data storage and Real-time analysis on PC
- IO modules used with the third party softwares via Modbus RTU Protocol
- Interface with field devices to provide real-time data for SCADA / PLC / HMI
- LEDs on every modules for digital IO status, communication and power supply
- Different types of IO Modules AI, AO, DI, DO, RTD, Thermocouples are available
- Direct reading of temperature without scaling by using RTD and Thermocouple Modules

IO 16DI Digital Inputs Modbus Modules Specification

| | |
|-------------------------|----------------------|
| Digital Inputs | 16 |
| No.of Counters | 16 |
| Isolation (Field&Logic) | 1500 V RMS |
| Status Indication | LED for each channel |
| Power supply | "+12 V to +24 V" |

Common specifications

| | |
|-----------------------|-------------------|
| Counter Resolution | 32 Bit |
| Counter frequency | 1 KHz |
| Pulse width | Min 500 Micro sec |
| Counter Mode | UP/Down |
| Digital input 0 level | 0-6.5 V |
| Digital input 1 level | +12 to +24 V DC |
| Input Impedance | 2200 ohms |
| Input filter | Max 6553 msec. |

| | |
|-------------------------|-----|
| Digital Outputs | 0 |
| Type of Digital output | N.A |
| Maximum load current | N.A |
| Maximum load Voltage | N.A |
| Isolation (Field&Logic) | N.A |
| Status Indication | N.A |

Watch dog timer Available

Watch dog time 1-255 sec, adjustable