

FD16DI

16 Digital Input Modbus Module

- 16 digital Input
- DIN-rail mounting
- Isolated Inputs
- Modbus RTU



Connections and Measurements

It can be used as Remote I / O under PLC. It has 16 digital isolated inputs.

- o Digital Inputs (Dry contact)

Communicates with MODBUS RTU protocol via 1 RS-485 connection
2 RS-485 ports on the device for easy operation. The status of all ports
is indicated by communication signal and electric LED

Technical Specifications

General	: 32 Bit işlemci ARM Cortex
Supply Voltage	: 24VAC \pm %10 (50 - 60 Hz) veya 24VDC \pm %10
Power Consumption	: 10VA
I/O Ports	: 16 Port Digital input
Communication Protocol	: MODBUS RTU (Slave)
Operating Temperature	: -20 °C to 70 °C
Operating Humidity	: %5 to %85
Storage Temperature	: -40 °C to 85 °C
Storage Humidity	: %5 to %95 (non-condensing)
Device Size	: 158 x 96.5 x 58.5 m
Package size	: 196 x 134 x 62 mm
Weight	: 300 gr
Mounting	: 35mm DIN Rail or Wal
Termination	: Screw Terminal Block

Modbus Register address :

Register type (STATUS INPUT). Register addresses starting from 1 to 16 status inputs.
(For PLC type can start from 0.)

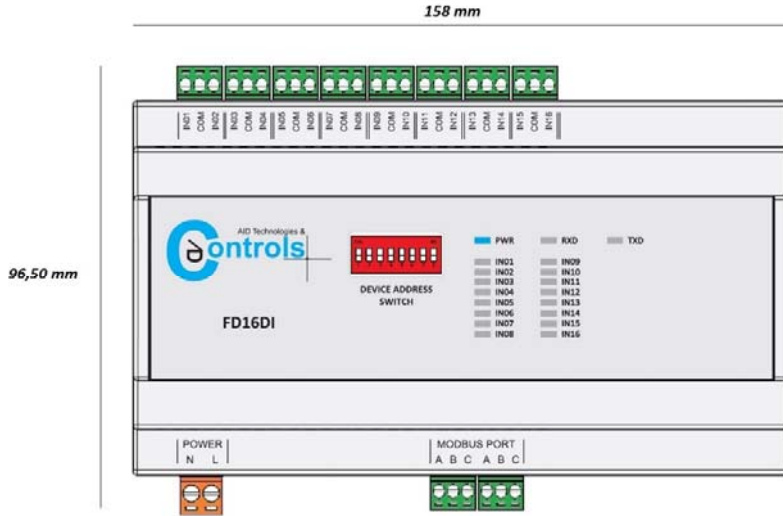
Modbus Address: FD16DI The Deep-Switches on the device are used to supply the Modbus address. Up to 255 addresses can be given. Each deep-switch indicates a number in binary number sequence.


- ❖ deep-switch 8 (ST128) = 128
- ❖ deep-switch 7 (ST64) = 64
- ❖ deep-switch 6 (ST32) = 32
- ❖ deep-switch 5 (ST16) = 16
- ❖ deep-switch 4 (ST8) = 8
- ❖ deep-switch 3 (ST4) = 4
- ❖ deep-switch 2 (ST2) = 2
- ❖ deep-switch 1 (ST1) = 1

Modbus Speed: The FD16DI Module communicates via the RS485 serial port in the Modbus RTU protocol.

- ❖ **BaudRate** : 9600
- ❖ **Databits** : 8
- ❖ **Parity** : None
- ❖ **StopBits** : 1

DEVICE DIMENSIONS :



<p>Turkey : UL Listed,Files (TS EN 55024, TS EN 55032,TS EN 61000-3-2,TS EN 61000-3-3 TS EN 61000-4-3) Energy Management Equipment Equipment : (FD-16DI Model Only)</p>	<p>Compliance</p> 
<p>Contact : Helenium Twins Residence Soğanlık Yeni Mah.Baltacı Mehmet Paşa Sk. No:1 B/Blok D/1 KARTAL – İSTANBUL Phone : +90 216 306 31 28 Mail : www.aidcontrols.com</p>	

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