

4 Digital Input 4 Digital Output TO MODBUS TCP



A high-performance digital I/O module with 4 isolated digital inputs and 4 digital outputs, supporting Modbus TCP/IP for seamless integration with PLCs, SCADA, and IoT systems. Features real-time monitoring, remote control, and industrial-grade reliability, making it ideal for automation, building management, and smart infrastructure applications.

Key Features at a glance:



Modbus TCP through Ethernet



Compact Din Rail Mounting



Rugged Durability With 4 Digital Input and 4 Digital Output



Comprehensive Safety And Reliability



Personal Support for your Implementation

Application Areas:



Industrial Automation



Building management



Smart Car Parking



Smart Logistics



Utility Management

Specifications	
Input Power	Unregulated 9 – 30 VDC
Power Consumption	Less than 1 W @ 12 VDC
Protections	Reverse Polarity, Overvoltage (+/- 35 VDC), Short Circuit, Transient Voltage, TVS/ESD
Indication	Power (Red), Status (Green)
Connector	5mm pitch screw terminal blocks
Enclosure	ABS Enclosure
Installation Type	Plug and Play
Dimensions	Modular Architecture (145mm x 90mm x 40mm)
Warranty	12 Months from date of installation or 18 Months from date of delivery (whichever is earlier)*

Data Connectivity	
Connectivity Supported	Ethernet 10/100 T
Protocol Supported	Modbus TCP
Communication Interface	RJ45
Configuration	Via Web Page Interface
Indication	Green for Communication Status

Digital Input	
Channels	4
Contact Rating	24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute
Standard	Opto isolated Inputs

Digital Output	
Channels	4
Contact Rating	5Amp @ 240VAC 5Amp @30VDC
Type	Form A Type Relay Output

Environment	
Operating Temperature	0 to 65°C
Storage Temperature	-10 to 70°C
Operating Humidity	5 – 95% RH (non-condensing)

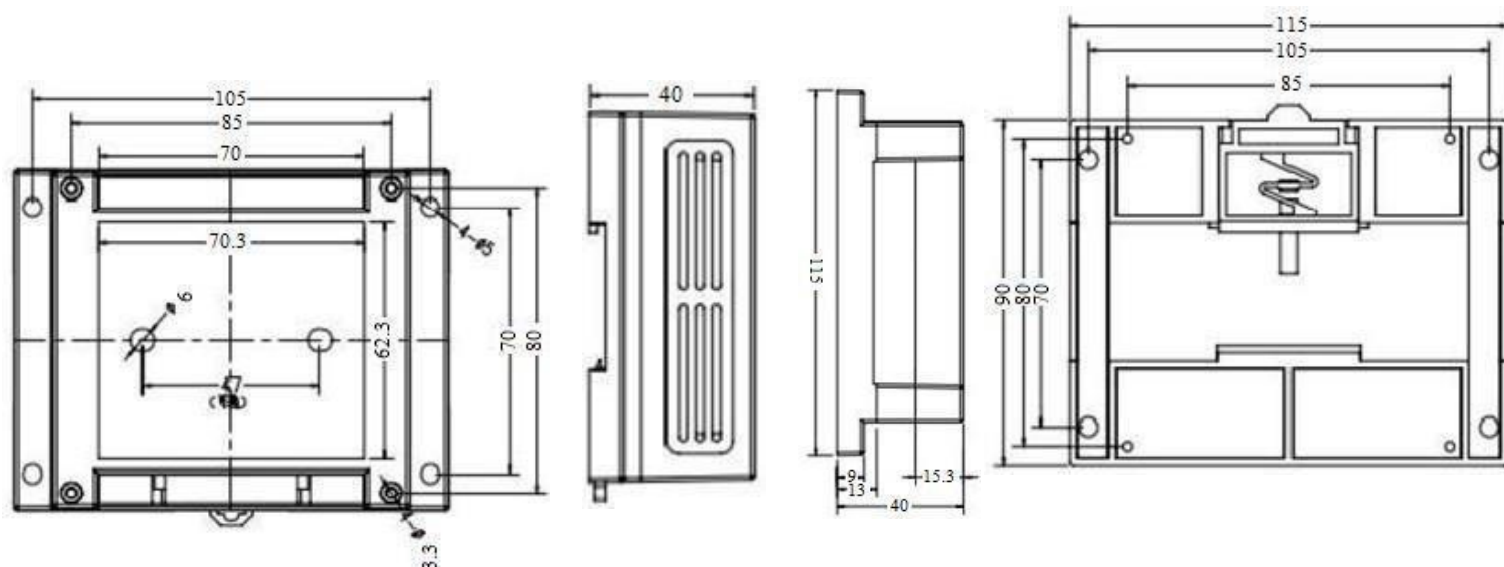
Mounting	
Built Architecture	Modular
Mounting	DIN Rail Mountable, Wall Mountable, Stack Mountable
Installation	Plug and Play Device

ORDERING INFORMATION	
Product Name	Product Code
4 Digital Input 4 Digital Output to Modbus TCP	XXXX

MODBUS ADDRESS FOR FUNCTION CODE 0x02 Read Discrete Inputs	
ADDRESS (4DI)	Input Channel
1000	Digital Input 1
⋮	⋮
1003	Digital Input 4

MODBUS ADDRESS FOR FUNCTION CODE 0x0f Write Multiple Coils / Write Single Coil (0x05)	
ADDRESS (4DO)	Output Channel
3000	Digital Output 1
⋮	⋮
3003	Digital Output 4

Dimensions (all units in mm)





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