



GT200-PN-MT

Modbus TCP/EtherNet/IP / PROFINET Gateway

Introduction

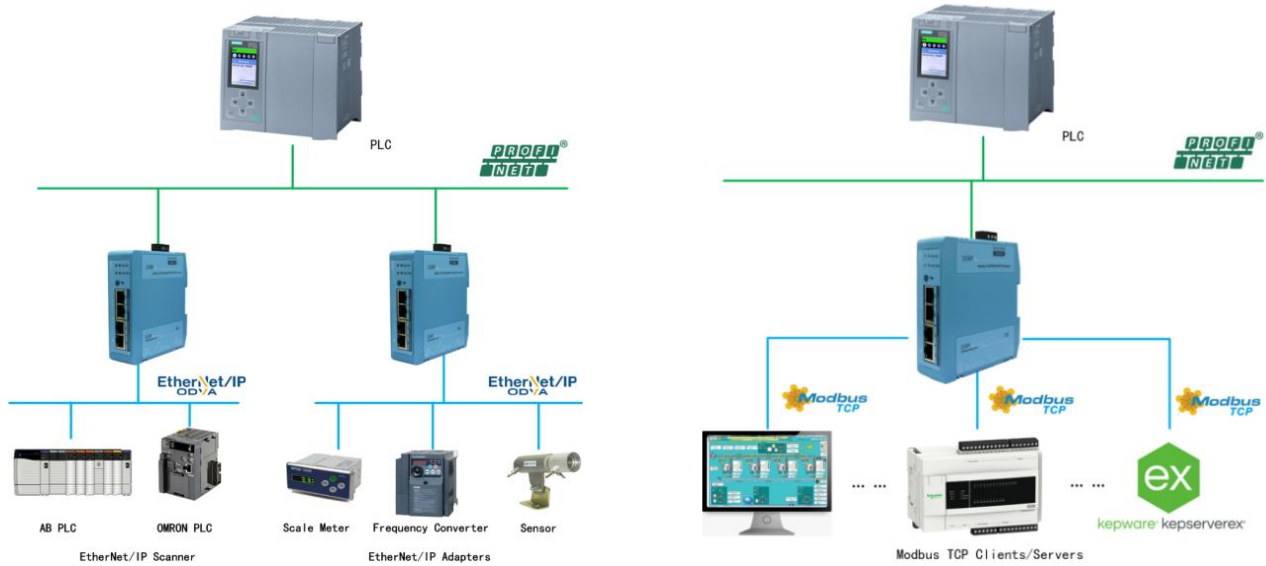
The GT200-PN-MT gateway enables seamless connectivity between Modbus TCP or EtherNet/IP and a PROFINET network. It can connect multiple Modbus TCP Client/Server devices or EtherNet/IP scanner/adapters to a PROFINET network and establish a reliable communication channel between them. It also supports PROFINET MRP and system redundancy functions to establish reliable connections.

Technical Specifications

PROFINET Features	
Operation Mode	PROFINET RT and IRT Device
Redundancy	Supports MRP ring redundancy and System Redundancy (S2)
Maximum Slots	32
Maximum Input and Output Bytes	1440 bytes in/out
Real-Time Capability	<10ms
EtherNet/IP Features	
Operation Mode	EtherNet/IP Scanner/Adapter
Maximum Input and Output Bytes	1428 bytes in/out
Communication Mode	I/O, MSG
Maximum Adapter Devices	64
Modbus TCP Features	
Operation Mode	Modbus TCP Client/Server
Maximum Modbus TCP Client/Server Devices	72
Supported Function Codes	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H, 17H
Electrical / Environmental	
DC Input Voltage	24 VDC (9V-30V), 250mA (24VDC). Power interface isolation: 1.5KV
Operating Temperature	-40°F to 158°F (-40°C to 70°C), Humidity 5% to 95%
Certification	CE Compliant
Physical	
Dimensions (W x H x D)	1.3in x 4.6in x 4.1in (34mm x 116mm x 105mm)
Mounting	35mm (1.4in) DIN Rail
Ethernet Port	10/100 Base-T, RJ45 Connector
Power Interface	3-Pin Terminal Block

Use Case

The GT200-PN-MT gateway can connect EtherNet/IP scanner/adapters or Modbus TCP devices to a PROFINET network.



Dimensions

Unit: Inch (mm)

