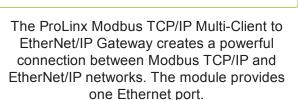


Modbus TCP/IP to EtherNet/IP Gateway

5201-MNET-DFNT

Active Mature: Product is fully supported, but a newer product or family exists.

For new applications use the PLX31-EIP-MBTCP



The ProLinx Modbus TCP/IP (MNETC) Multi Client driver can be used to interface many different protocols into the Schneider Electric Quantum family of processors as well other software solutions supporting the protocol.

- 5 MNET Modbus TCP/IP servers (port 2000)
- 5 MBAP Modbus TCP/IP servers (port 502)
- One Modbus TCP/IP Client (MNET or MBAP) connection supports up to 100 commands

The addition of the WEB hardware option provides the following additional features:

2 HTTP servers

1 mail client

1 FTP server

Architectures Features and Benefits Applications Specifications Hardware Downloads
Protocols

Hardware

Specification Description

Power Supply 24 VDC nominal

18 to 32 VDC allowed

Positive, Negative, GND Terminals

2.5 mm screwdriver blade

Current Load 500 mA max @ 32 VDC max





Operating Temperature -4° F to 122° F (-20° C to 50° C)

Storage Temperature -40° F to 185° F (-40° C to 85° C)

Relative Humidity 5% to 95% (with no condensation)

Dimensions Standard:

5.20 in H x 2.07 in W x 4.52 in D (13.2 cm x 5.25 cm x 11.48

cm)

Extended:

5.20 in H x 2.73 in W x 4.52 in D (13.2 cm x 6.934 cm x 11.48 cm)

LED Indicators Power and Module Status

Application Status Serial Port Activity Serial Port Error Status

Configuration Serial Port DB-9M RS-232 only

No hardware handshaking

Ethernet Port (Ethernet modules only) 10Base-T half duplex RJ45 Connector

Link and Activity LED indicators

Electrical Isolation 1500 V RMS at 50 Hz to 60 Hz for 60 s, applied as specified in section 5.3.2 of IEC 60950: 1991 Ethernet Broadcast Storm Resiliency = less than or equal to 5000 [ARP] frames-per-second and less than or equal to 5

minutes duration

Application Ports Modbus Plus Connector

Two DB9 Female Standard Modbus Plus connectors

Serial Port Isolation 2500 V RMS port signal isolation per UL 1577

3000 VDC min. port to ground and port to logic power isolation

Shipped with Each Unit Mini-DIN to DB-9M serial cables

4 ft RS-232 configuration cable

2.5mm screwdriver

CD (docs and Configuration utility)

RS-422/485 DB-9 to Screw Terminal Adaptor (1 or 4, depending

on ports)

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