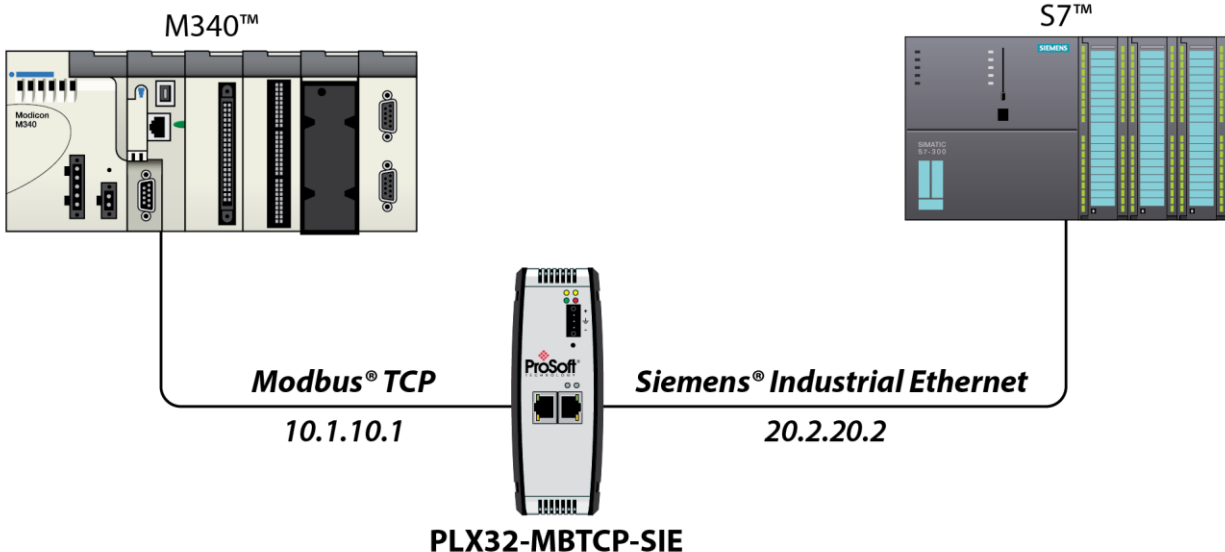


# DATASHEET

## Modbus® TCP/IP to Siemens® Industrial Ethernet Communication Gateway PLX32-MBTCP-SIE

ProSoft Technology's Modbus® TCP/IP to Siemens Industrial Ethernet gateway allows high speed bi-directional data transfers between Schneider Electric® PACs and Siemens S7 and S5 PACs.

Two ports allow each protocol to reside on separate subnets, allowing you to pass data between the two subnets without changing each device's IP address.



### Features

- ◆ Two separate Ethernet ports allow each protocol to reside on separate subnets. This allows you to pass data between the two subnets without changing each device's IP address to be on the same subnet.
- ◆ In addition to S7 controllers, the gateway can also be used with Siemens S5 controllers with an appropriate interface.
- ◆ Gateway includes a SD card slot (SD card optional) for storing configuration files. This can be used for disaster recovery.
- ◆ Secure module configuration via module switch (v1.04 and greater).
- ◆ Up to 10,000 16-bit registers can be used to exchange large amounts of data.

## Specifications

### Modbus® TCP/IP Specifications

Specification	Description
Supported Modbus Function Codes	1: Read Coil Status 2: Read Input Status 3: Read Holding Registers 4: Read Input Registers 5: Force (Write) Single Coil 6: Preset (Write) Single Holding Register 15: Force (Write) Multiple Coils 16: Preset (Write) Multiple Holding Registers 22: Mask Write Holding Register (Slave Only) 23: Read/Write Holding Registers (Slave Only)
Supported Clients	10
Supported Servers	MBAP: 5 Encapsulated: 5
Command List	Up to 160 fully configurable Client commands
Status Data	Error codes reported individually for each command
Command List Polling	Each command can be individually enabled or disabled; write-only-on-data-change is available

### Siemens® Industrial Ethernet Specifications

Specification	Description
Supported PLC Data Exchange (Read and Write)	Siemens S7-200, S7-300, S7-400, S7-1200, S7-1500
Supported Register Types	DB, Inputs, Outputs, Flags, Counters, Timers
Supported Clients	20

### Hardware Specifications

Specification	Description
Power Supply	24 VDC nominal 10 to 36 VDC allowed Positive, Negative, GND Terminals
Current Load	24 VDC nominal @ 300 mA 10 to 36 VDC @ 610 mA maximum
Operating Temperature	-25°C to 70°C (-13°F to 158°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Relative Humidity	5% to 95% RH with no condensation
Dimensions (H x W x D)	5.38 x 1.99 x 4.38 in 13.67 x 5.05 x 11.13 cm
Shipped With Each Unit	2.5 mm screwdriver J180 Power Connector

### Agency Approvals and Certifications

Please visit our website: [www.prosoft-technology.com](http://www.prosoft-technology.com)



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Connects™

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### Ordering Information

To order this product, please use the following:

Modbus® TCP/IP to  
Siemens® Industrial  
Ethernet Communication  
Gateway

PLX32-MBTCP-SIE

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: [www.prosoft-technology.com](http://www.prosoft-technology.com) and select *Where to Buy* from the menu.

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