Schneider Electric TSXETZ410

FactoryCast Ethernet gateway with serial modem support

Schneider Electric TSXETZ410 is a FactoryCast Ethernet gateway providing 10/100 Mbit/s Ethernet, serial communication and embedded web diagnostics for Modicon installations.

Function	FactoryCast gateway
Ethernet	10 / 100 Mbit/s
Ethernet topology	Star / tree
Serial modem	56 kbit/s maximum
Supply	24 V DC
Web memory	8 MB

EXACT MODEL

TSXETZ410 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Back up the FactoryCast web project and all Ethernet and serial settings before replacement.

ACCEPTANCE RECORD

Record the installed position, wiring or network identity, configuration and final functional test.

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Function	FactoryCast gateway	**Web clients**	8 browsers maximum
Ethernet	10 / 100 Mbit/s	**Services**	Data editor / rack viewer
Ethernet topology	Star / tree	**Protocols**	Ethernet / Modbus / Uni-Telway
Serial modem	56 kbit/s maximum	**Supply limits**	19.2 to 30 V DC
Supply	24 V DC	**Power**	2.4 to 4 W
Web memory	8 MB	**Current**	100 mA typical

ENGINEERING CHECK

Compare every applicable field value with the installed nameplate, electrical drawings and controller configuration before release.

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FACTORYCAST WEB DIAGNOSTICS

Provides browser-based data and rack views for the configured installation.

ETHERNET GATEWAY SERVICE

Bridges approved Modicon communication over the 10/100 Mbit/s interface.

SERIAL MODEM ACCESS

Supports the documented serial modem connection where the project uses it.

EXACT GATEWAY RENEWAL

Preserves the TSXETZ410 addressing, web project and serial configuration.

Identity	TSXETZ410
Series	Modicon TSX
Role	FactoryCast Ethernet gateway with serial modem support
Release boundary	Back up the FactoryCast web project and all Ethernet and serial settings before replacement.

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What is TSXETZ410 used for?

It is a FactoryCast Ethernet gateway with embedded web and serial communication services.

What Ethernet speed is supported?

The datasheet identifies 10 and 100 Mbit/s operation.

How much embedded web memory is documented?

The product data states 8 MB for the web application.

How many browser connections are listed?

Up to eight browsers are documented under the stated service conditions.

What should be backed up before renewal?

Retain IP settings, web pages, data-editor definitions, serial parameters and PLC communication references.

Does opening the web page prove PLC communication?

No. Verify both web access and the intended Modbus or Uni-Telway data exchange.

DECISION RULE

When the installed marking or project record conflicts with a catalog assumption, stop and verify the exact Schneider Electric documentation before service.

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01 / Confirm the complete TSXETZ410 marking, rack or drive position and controlled maintenance record.

02 / Place the connected machine and control system in the approved safe maintenance state.

03 / Isolate every documented power and field circuit, then prove the absence of hazardous energy.

04 / Record the function and published value FactoryCast gateway; do not replace it with a nearby family value.

05 / Preserve the ethernet and published value 10 / 100 Mbit/s, terminal labels, cable identities, shield and grounding arrangement.

06 / Protect connectors and electronics with grounded ESD controls and clean handling practices.

07 / Restore wiring and power only after a point-by-point inspection against the service record.

08 / Back up the FactoryCast web project and all Ethernet and serial settings before replacement.

RETURN-TO-SERVICE

Release only after the documented signal, network or motion response is proven and the final acceptance record is retained.

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SOURCE LEDGER

Schneider Electric TSXETZ410 Product Data Sheet

The exact manufacturer product data sheet is retained unchanged in Manuals 2.

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SELECTED APTER POWER CATALOG LINKS

Browsing references only. No compatibility, replacement or interchangeability claim is implied.

View Schneider Electric 170ADI35000

View Schneider Electric 170AAI14000

View Schneider Electric ATV61HD75N4

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