Schneider Electric TSXP57153M

Premium PLC Processor / Exact identity and technical profile

The technical profile covers internal memory, the two integrated networks and the supported in-rack channel capacity.

Internal RAM	32 Kwords for program and data
Integrated networks	Ethernet and Fipio
Application channels	Up to 8 in-rack channels
Memory extension	PCMCIA card support
Memory-card type	SRAM card support
Backplane supply	5 V DC

TECHNICAL MARKER

32 Kword internal RAM

TECHNICAL MARKER

Integrated Ethernet and Fipio

TECHNICAL MARKER

Eight in-rack application channels

TECHNICAL MARKER

PCMCIA memory extension support

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read TSXP57153M from the installed label and procurement record
Function evidence	Confirm the published premium plc processor role in the Modicon Premium system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept TSXP57153M only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented TSXP57153M position requires separate engineering approval.

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Premium PLC Processor / Published characteristics

This matrix groups the published TSXP57153M characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact premium plc processor record.

Internal RAM	32 Kwords for program and data
Integrated networks	Ethernet and Fipio
Application channels	Up to 8 in-rack channels
Memory extension	PCMCIA card support
Memory-card type	SRAM card support
Backplane supply	5 V DC
Published current	530 mA at 5 V DC
Station role	Manages the complete PLC station

INTERPRETATION

Use every TSXP57153M value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make TSXP57153M data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Schneider Electric suffix cannot fill a missing TSXP57153M parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

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Premium PLC Processor / System role and data flow

Premium machine control

Runs the validated application for the installed Premium rack.

Ethernet supervision

Exchanges configured data with supervisory or engineering systems.

Fipio field integration

Coordinates the documented Fipio devices and channel allocation.

Processor renewal

Restores the CPU, memory card and network configuration as one baseline.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	TSXP57153M performs its published premium plc processor role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to TSXP57153M
Published action	The documented premium plc processor function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each TSXP57153M use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

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Premium PLC Processor / Engineering decisions

SUPPORTED IDENTITY

TSXP57153M

PUBLISHED FUNCTION

Premium PLC Processor

SYSTEM CONTEXT

Modicon Premium

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

What is Schneider Electric TSXP57153M?

It is a Modicon Premium processor with integrated Ethernet and Fipio communication.

Does Schneider Electric TSXP57153M support a memory extension?

Yes. The documented processor supports a PCMCIA memory extension and SRAM card use.

What network data must be retained for Schneider Electric TSXP57153M?

Keep Ethernet addressing, Fipio configuration, device assignments and the approved project revision.

What is checked before energizing Schneider Electric TSXP57153M?

Check CPU seating, memory-card identity, rack power and all recorded communication connections.

How much internal memory does Schneider Electric TSXP57153M provide?

The exact product page specifies 32 Kwords of internal RAM for program and data.

How many in-rack application channels can Schneider Electric TSXP57153M manage?

Schneider Electric specifies up to eight application-specific channels in the rack.

Can a Schneider Electric TSXP57153M PCMCIA card be moved without review?

No. Confirm the card type and validated application contents before transfer.

How is Schneider Electric TSXP57153M accepted?

Verify CPU diagnostics, Ethernet and Fipio exchange, I/O response and the controlled application sequence.

Decision closeout

Close the TSXP57153M technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The TSXP57153M decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Schneider Electric TSXP57153M

Premium PLC Processor / Evidence and support

Exact product	Schneider Electric TSXP57153M
Technical class	Premium PLC Processor
Platform	Modicon Premium
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Schneider Electric BMXAMO0802	View Schneider Electric BMXAMO0802 page
Schneider Electric AM-SA85-000	View Schneider Electric AM-SA85-000 page

MANUFACTURER EVIDENCE RECORD

Schneider Electric TSXP57153M Product Data

Modicon Premium exact-model product record

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Send the exact model, quantity, destination and requested condition for a quotation.