Schneider Electric 170XTS00100

Terminal Block / Exact identity and technical profile

The technical decision for 170XTS00100 is controlled by its exact manufacturer identity, published characteristics and documented Modicon Momentum / Quantum boundary.

Accessory type	Screw terminal block
Kit composition	3 connectors in one row
Connection method	Screw terminals
Conductor capacity	1 x 2.5 mm2 or 2 x 1.5 mm2
Destination	Discrete and analog I/O bases
Compatible platform	Modicon Momentum

TECHNICAL MARKER

Match the terminal kit to the exact I/O base.

TECHNICAL MARKER

Retain the three-connector order and orientation.

TECHNICAL MARKER

Label every supply, common, signal and shield conductor.

TECHNICAL MARKER

Use the published conductor-capacity limits.

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 170XTS00100 from the installed label and procurement record
Function evidence	Confirm the published terminal block role in the Modicon Momentum / Quantum 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 170XTS00100 only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented 170XTS00100 position requires separate engineering approval.

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Terminal Block / Published characteristics

This matrix groups the published 170XTS00100 characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact terminal block record.

Accessory type	Screw terminal block
Kit composition	3 connectors in one row
Connection method	Screw terminals
Conductor capacity	1 x 2.5 mm2 or 2 x 1.5 mm2
Destination	Discrete and analog I/O bases
Compatible platform	Modicon Momentum
Additional platform	Modicon Quantum
Selection basis	Exact I/O-base documentation
Wiring basis	Module-specific terminal diagram
Maintenance basis	Labelled one-at-a-time conductor transfer

INTERPRETATION

Use every 170XTS00100 value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make 170XTS00100 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 170XTS00100 parameter.

ENGINEERING OUTPUT

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

Schneider Electric 170XTS00100

Terminal Block / System role and data flow

Momentum field termination

Connects wiring to a supported I/O base.

Quantum accessory service

Supports a documented compatible Quantum base.

Controlled rewiring

Keeps the three connector groups ordered during maintenance.

Terminal-kit renewal

Replaces the exact kit while preserving conductor identity.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	170XTS00100 performs its published terminal block 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 170XTS00100
Published action	The documented terminal block 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 170XTS00100 use case to the installed drawing or project tag.

EXCEPTION CONTROL

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

Schneider Electric 170XTS00100

Terminal Block / Engineering decisions

SUPPORTED IDENTITY

170XTS00100

PUBLISHED FUNCTION

Terminal Block

SYSTEM CONTEXT

Modicon Momentum / Quantum

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

What device identity or role does Schneider Electric 170XTS00100 publish?

For 170XTS00100, the manufacturer states Screw terminal block. Do not replace it with a nearby suffix value.

Which connection method configuration belongs to Schneider Electric 170XTS00100?

The exact-model source gives Screw terminals. Use it together with the actual 170XTS00100 nameplate and installation record.

When reviewing 170XTS00100, what is the published destination?

Use Discrete and analog I/O bases as the 170XTS00100 destination reference and resolve any field discrepancy before release.

Which additional platform is associated with Schneider Electric 170XTS00100?

Schneider Electric identifies the additional platform as Modicon Quantum; keep that exact entry in the 170XTS00100 record.

Which kit composition must be retained for Schneider Electric 170XTS00100?

Record 3 connectors in one row for 170XTS00100 and verify the field arrangement against the controlled drawing or project.

What manufacturer value is recorded for 170XTS00100 conductor capacity?

170XTS00100 is documented with 1 x 2.5 mm2 or 2 x 1.5 mm2; this value belongs to the verified product configuration.

Which compatible platform is associated with Schneider Electric 170XTS00100?

The manufacturer record for 170XTS00100 specifies Modicon Momentum. Preserve it through selection, installation and acceptance.

What manufacturer value is recorded for 170XTS00100 selection basis?

The published 170XTS00100 value is Exact I/O-base documentation. The installed configuration must remain within that boundary.

Decision closeout

Close the 170XTS00100 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 170XTS00100 decision is accepted only within the documented scope.

REVIEW TRIGGER

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

Schneider Electric 170XTS00100

Terminal Block / Evidence and support

Exact product	Schneider Electric 170XTS00100
Technical class	Terminal Block
Platform	Modicon Momentum / Quantum
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 140XCA71706	View Schneider Electric 140XCA71706 page
Schneider Electric 140CPU43412A	View Schneider Electric 140CPU43412A page

MANUFACTURER EVIDENCE RECORD

Schneider Electric 170XTS00100 Product Data Sheet

Exact screw-terminal kit characteristics and range compatibility

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