

Schneider Electric 140CPU65150C

PLC Processor / Exact identity and technical profile

The technical decision for 140CPU65150C is controlled by its exact manufacturer identity, published characteristics and documented Modicon Quantum boundary.

Processor class	Unity processor; conformal coated
Clock frequency	166 MHz
Internal memory	768 kB
Local racks	2
Distributed I/O stations	63 per Modbus Plus network
Remote I/O stations	31

TECHNICAL MARKER

Back up the complete Unity application and retained data.

TECHNICAL MARKER

Record both local racks and all remote/distributed station relationships.

TECHNICAL MARKER

Preserve Ethernet, Modbus and Modbus Plus addresses.

TECHNICAL MARKER

Keep the conformal-coated C suffix in the replacement identity.

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 140CPU65150C from the installed label and procurement record
Function evidence	Confirm the published plc processor role in the Modicon 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 140CPU65150C only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented 140CPU65150C position requires separate engineering approval.

Schneider Electric 140CPU65150C

PLC Processor / Published characteristics

This matrix groups the published 140CPU65150C characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact plc processor record.

Processor class	Unity processor; conformal coated
Clock frequency	166 MHz
Internal memory	768 kB
Local racks	2
Distributed I/O stations	63 per Modbus Plus network
Remote I/O stations	31
Optional modules	Up to 6
Local Ethernet connections	Up to 6
Integrated USB	1
Integrated Modbus	RS232/485 Modbus or ASCII
Integrated Modbus Plus	1 local port
Application services	Time stamping, interrupts, serial link and counter

INTERPRETATION

Use every 140CPU65150C value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make 140CPU65150C 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 140CPU65150C parameter.

ENGINEERING OUTPUT

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

Schneider Electric 140CPU65150C

PLC Processor / System role and data flow

Quantum PLC control

Runs the validated Unity application.

Distributed I/O management

Coordinates documented Modbus Plus stations.

Remote I/O management

Operates the approved S908 or Ethernet remote-I/O arrangement.

Coated processor renewal

Retains the exact C-suffix environmental execution.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	140CPU65150C performs its published 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 140CPU65150C
Published action	The documented 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 140CPU65150C use case to the installed drawing or project tag.

EXCEPTION CONTROL

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

Schneider Electric 140CPU65150C

PLC Processor / Engineering decisions

SUPPORTED IDENTITY

140CPU65150C

SYSTEM CONTEXT

Modicon Quantum

PUBLISHED FUNCTION

PLC Processor

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

- What device identity or role does Schneider Electric 140CPU65150C publish?

The exact-model source gives Unity processor; conformal coated. Use it together with the actual 140CPU65150C nameplate and installation record.
- When reviewing 140CPU65150C, what is the published internal memory?

Use 768 kB as the 140CPU65150C internal memory reference and resolve any field discrepancy before release.
- How many distributed i/o stations are documented for Schneider Electric 140CPU65150C?

Schneider Electric identifies the distributed i/o stations as 63 per Modbus Plus network; keep that exact entry in the 140CPU65150C record.
- When reviewing 140CPU65150C, what is the published optional modules?

For 140CPU65150C, the manufacturer states Up to 6. Do not replace it with a nearby suffix value.

- What clock frequency rating is specified for Schneider Electric 140CPU65150C?

140CPU65150C is documented with 166 MHz; this value belongs to the verified product configuration.
- How many local racks are documented for Schneider Electric 140CPU65150C?

The manufacturer record for 140CPU65150C specifies 2. Preserve it through selection, installation and acceptance.
- How many remote i/o stations are documented for Schneider Electric 140CPU65150C?

The published 140CPU65150C value is 31. The installed configuration must remain within that boundary.
- Which local ethernet connections configuration belongs to Schneider Electric 140CPU65150C?

Record Up to 6 for 140CPU65150C and verify the field arrangement against the controlled drawing or project.

Decision closeout

Close the 140CPU65150C 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 140CPU65150C decision is accepted only within the documented scope.

REVIEW TRIGGER

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

Schneider Electric 140CPU65150C

PLC Processor / Evidence and support

Exact product	Schneider Electric 140CPU65150C
Technical class	PLC Processor
Platform	Modicon 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 PC-E984-685](#)
[View Schneider Electric PC-E984-685 page](#)
[Schneider Electric BSH1402P21A2A](#)
[View Schneider Electric BSH1402P21A2A page](#)

MANUFACTURER EVIDENCE RECORD

Schneider Electric 140CPU65150C Product Data Sheet

Exact coated Quantum Unity processor characteristics

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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

