

Product dashboard

Schneider Electric 140CPU53414A is the redesigned A-version of the Modicon Quantum 534 PLC controller. Schneider Electric identifies it as functionally equivalent to 140CPU53414 while requiring matching A-version processors when used as a Hot Standby pair.

Exact model

140CPU53414A

Product type

Quantum 534 PLC Controller

System family

Modicon Quantum

Functional role

PLC Controller

PARAMETER	DOCUMENTED VALUE
Exact model	140CPU53414A
Controller family	Modicon Quantum
Processor class	Quantum 534 PLC controller
Hardware execution	Redesigned A version
Functional relationship	Functionally equivalent to 140CPU53414
Hot Standby rule	Both processors must be A version
Engineering software	Concept and Unity Pro
Product lifecycle	Discontinued

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

CONTACT APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



140CPU53414A

System overview

140CPU53414A executes the retained Quantum control project and coordinates rack resources, communications and I/O, with compatibility governed by the exact processor version and system architecture.

Quantum process control

Executes a retained control program and coordinates rack I/O.

Hot Standby systems

Supports a matched A-version processor pair in the documented architecture.

Legacy controller renewal

Preserves the project, rack map and communication arrangement during controlled replacement.

Engineering maintenance

Supports documented Concept or Unity Pro service workflows.

SYSTEM POSITION	RECORD
Installed identity	140CPU53414A

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com



140CPU53414A

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	140CPU53414A
Controller family	Modicon Quantum
Processor class	Quantum 534 PLC controller
Hardware execution	Redesigned A version
Functional relationship	Functionally equivalent to 140CPU53414
Hot Standby rule	Both processors must be A version
Engineering software	Concept and Unity Pro
Product lifecycle	Discontinued
Suggested replacement	BMEP582040H
EAN	3595862006118

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	Quantum control-program execution, communication and I/O coordination

Technical evidence record: Schneider Electric exact product page and exact-model FAQs

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com



140CPU53414A

Applications and precautions

1

Confirm 140CPU53414A, its rack position and the complete controller project before work.

2

Place the controlled process and every affected output in the approved maintenance state.

3

Back up the project, configuration, communication settings and diagnostic record.

4

For Hot Standby, verify that both processors are the A-version before installation.

5

Record all module, cable, key-switch and memory arrangements before removal.

6

Restore the approved firmware and engineering-software compatibility basis.

7

Review controller, rack, network and I/O diagnostics after controlled startup.

8

Complete the machine-specific functional and redundancy test before releasing 140CPU53414A.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



140CPU53414A

Buyer and engineering FAQ

What is Schneider Electric 140CPU53414A?

It is the redesigned A-version of the Modicon Quantum 534 PLC controller.

Is 140CPU53414A functionally different from 140CPU53414?

Schneider Electric states that the A version is functionally identical to the earlier processor for documented applications.

Can 140CPU53414A be paired with 140CPU53414 in Hot Standby?

No. A Hot Standby system must use two A-version processors or two non-A processors.

Which engineering software supports 140CPU53414A?

Schneider Electric identifies both Concept and Unity Pro support.

Related Apter Power pages

[Schneider Electric CAD32MD — View product page](#)

[Schneider Electric BMXDDO1602 321419 — View product page](#)

[Schneider Electric BMXDDI3202K 469854 — View product page](#)

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



140CPU53414A