

Schneider Electric

140CPU53414A

Quantum 534 PLC Controller

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.

System position

Exact identity 140CPU53414A	System family Modicon Quantum	Functional role PLC Controller	Release basis Recorded test and diagnostics
---	---	--	---

Keep the hardware and configuration identities together

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.

IDENTITY / RESOURCE	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

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

Interfaces and integration

Define the installed role

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

Exact model	140CPU53414A
Controller family	Modicon Quantum
Processor class	Quantum 534 PLC controller

Map the host relationship

The complete 140CPU53414A identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	Modicon Quantum
Primary role	Quantum control-program execution, communication
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded Modicon Quantum position, connected interfaces and configuration baseline.

Acceptance evidence

Release 140CPU53414A only after diagnostics and a controlled functional result are recorded.

Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	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

PARAMETER	VALUE
Hot Standby rule	Both processors must be A version
Engineering software	Concept and Unity Pro
Product lifecycle	Discontinued
Suggested replacement	BMEP582040H
EAN	3595862006118

Identity decision

Accept only the complete 140CPU53414A marking and the recorded hardware execution.

Host decision

Confirm the receiving Modicon Quantum position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of Quantum control-program execution, communication and I/O coordination before handover.

Engineering boundary

Use 140CPU53414A only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

CONTACT APTER POWER

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



140CPU53414A

Controls and service logic

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.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 140CPU53414A and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

CONTACT APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



140CPU53414A

Engineering decisions

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.

What is the suggested replacement for 140CPU53414A?

The current product page identifies BMEP582040H as the suggested replacement.

What should be backed up before replacing 140CPU53414A?

Back up the program, configuration, network settings, I/O map and diagnostics.

Related Apter Power pages

[Schneider Electric XS4P18AB120 — View product page](#)

[Schneider Electric MICROLOGIC 6 0 E — View product page](#)

[Schneider Electric A9C30212 — View product page](#)

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