

Schneider Electric

990XCP98000

Quantum CPU Lithium Backup Battery

Schneider Electric 990XCP98000 is a 3 V lithium backup battery for a Modicon Quantum CPU. The documented battery has a 1.2 Ah capacity and a stated service life of ten years under the specified product conditions.

System position

Exact identity 990XCP98000	System family Modicon Quantum	Functional role PLC Backup Battery	Release basis Recorded test and diagnostics
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Keep the hardware and configuration identities together

990XCP98000 provides the retained-memory backup source for a compatible Quantum processor, so polarity, connector condition and CPU maintenance state must be controlled during replacement.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact model	990XCP98000
Accessory type	CPU backup battery
Chemistry	Lithium
Nominal voltage	3 V DC
Capacity	1.2 Ah
Host family	Modicon Quantum CPU

Technical evidence record: Schneider Electric exact 990XCP98000 product data sheet

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990XCP98000

Interfaces and integration

Define the installed role

990XCP98000 provides the retained-memory backup source for a compatible Quantum processor, so polarity, connector condition and CPU maintenance state must be

Exact model	990XCP98000
Accessory type	CPU backup battery
Chemistry	Lithium

Map the host relationship

The complete 990XCP98000 identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	Modicon Quantum
Primary role	retained-memory backup power for a compatible
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 990XCP98000 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	PARAMETER	VALUE
Exact model	990XCP98000	Capacity	1.2 Ah
Accessory type	CPU backup battery	Host family	Modicon Quantum CPU
Chemistry	Lithium	Documented life	10 years
Nominal voltage	3 V DC	Acceptance	Battery status and retained controller data

Identity decision

Accept only the complete 990XCP98000 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 retained-memory backup power for a compatible Quantum CPU before handover.

Engineering boundary

Use 990XCP98000 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.

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Controls and service logic

CPU memory backup

Maintains the documented backup source for retained processor memory.

Scheduled battery service

Supports controlled replacement during a planned maintenance interval.

Legacy Quantum support

Matches the battery requirement of a compatible Quantum CPU.

Controller preservation

Protects the retained project state when replacement procedure and CPU status are controlled.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 990XCP98000 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

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Engineering decisions

What is Schneider Electric 990XCP98000?

It is a lithium backup battery for a compatible Modicon Quantum CPU.

What voltage is 990XCP98000?

The documented nominal voltage is 3 V DC.

What capacity is listed for 990XCP98000?

The product data lists 1.2 Ah.

Which host family uses 990XCP98000?

It is intended for a compatible Modicon Quantum CPU.

What life value is documented for 990XCP98000?

The product data states ten years under the specified product conditions.

What should be backed up before changing 990XCP98000?

Back up the controller project and record the CPU battery and memory status.

Related Apter Power pages

[Schneider Electric 140XTS00200 — View product page](#)

[Schneider Electric 140XBP00600 — View product page](#)

[Schneider Electric 140NRP95400 — View product page](#)

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