

Siemens 6NG4207-8PS02

Time Memory Module

Siemens date-and-time memory module for long-range time counting and scheduled time functions in a compatible legacy automation system.

IDENTITY SNAPSHOT

H1 10 ms to 99 year counting range	H2 Summer/winter time switching
H3 No backup battery required	H4 Legacy automation time function

System position

1	Host CPU
2	6NG4207-8PS02 time base
3	Program time functions
4	Events and schedules

Document boundary

This dossier uses exact-model evidence and clearly identified family context. Unsupported values are intentionally left for nameplate, project-record or revision-manual verification.

Architecture and interface control

Siemens date-and-time memory module for long-range time counting and scheduled time functions in a compatible legacy automation system.

SYSTEM FLOW

1	Host CPU
2	6NG4207-8PS02 time base
3	Program time functions
4	Events and schedules

Interface map

System connector	Host-system connection; verify assigned slot
Time memory	Stores and supplies documented time functions
Configuration	Confirm parameters in the installed engineering records
Status checks	Compare time behavior before and after replacement

Engineering rule

Use the full Siemens 6NG4207-8PS02 identity in drawings, spares records and acceptance evidence. A similar family code is not proof of interchangeability.

Verified engineering data

Values below are limited to the reviewed exact-model or directly applicable manufacturer-family evidence.

Manufacturer	Siemens
Exact model	6NG4207-8PS02
Documented type	Date and Time Memory Module
Counting capacity	10 ms to 99 years
Clock function	Summer/winter time switchover
Backup battery	Not required

CHANGE CONTROL

Record Capture the complete nameplate, revision and installed position.	Compare Check replacement hardware against project and service records.
Protect Apply the documented power-isolation and ESD procedure.	Prove Complete a model-specific functional test before release.

Service logic

Use evidence in sequence; do not skip directly from a fault symptom to part substitution.

1	Capture symptoms and existing status
2	Verify power, wiring, slot and surrounding system
3	Test 6NG4207-8PS02 against the exact service procedure
4	Replace only after the module is isolated as the cause
5	Commission and archive results

Model-specific precautions

1 Verify the exact 6NG4207-8PS02 model and host slot.	2 Record the current date, time and configuration before shutdown.
3 Back up the host project or parameter record.	4 Isolate power and use ESD controls before handling.
5 Do not assume protocols or pin assignments from unrelated modules.	6 Check the module and connector for physical damage.

Decisions and Apter Power support

What is Siemens 6NG4207-8PS02? It is a date and time memory module for a compatible legacy automation system.	What time range does Siemens 6NG4207-8PS02 cover? The published exact-model description states a counting capacity from 10 ms to 99 years.
Does Siemens 6NG4207-8PS02 require a backup battery? The published exact-model description states that no backup battery is required.	Does Siemens 6NG4207-8PS02 support seasonal time switching? Yes, summer/winter time switchover is part of the published exact-model description.

Apter Power verification record

Model identity	Keep the complete Siemens model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power references	Scope note
Siemens 39SDM024DCCBN 16101-174/8	Portfolio reference only; verify compatibility independently.
Siemens 16101-174/10	Portfolio reference only; verify compatibility independently.



Technical support sales7@apterpower.com +86 180 3017 5807 www.apterpower.com