Siemens 39PSMNAN
Complete Product Information

PRODUCT OVERVIEW

Product	39PSMNAN
Type	Power Supply Module
Platform	APACS+
Primary role	rack power supply module

KEY CAPABILITIES

Capability 1 Provides the rack power supply module function.	Capability 2 Integrates with the APACS+ platform.
Capability 3 Retains the assigned signal or communication path.	Capability 4 Uses the complete 39PSMNAN identity for replacement control.

WHERE IT FITS

Installed-base maintenance Restore the assigned rack power supply module position without changing the surrounding system design.	Loop and channel service Retain terminal assignments, scaling and channel ownership during controlled replacement.
Fault isolation Separate module, field wiring and configuration causes during troubleshooting.	Commissioning Prove the complete signal path before returning the process to service.

ApterPower product support
Scan for model-specific assistance.

Capabilities at a glance

PRODUCT PARAMETERS

System family	APACS+
Power role	Rack electronics supply
Rated output	100 W
Associated assembly	16013-1/10
Mounting context	Existing system position
Connection control	Match installed terminals
Configuration basis	Preserve assigned settings
Acceptance focus	Confirm end-to-end response

CAPABILITY INTERPRETATION

Capability 1	Provides the rack power supply module function. This supports the assigned APACS+ maintenance strategy.
Capability 2	Integrates with the APACS+ platform. This supports the assigned APACS+ maintenance strategy.
Capability 3	Retains the assigned signal or communication path. This supports the assigned APACS+ maintenance strategy.
Capability 4	Uses the complete 39PSMNAN identity for replacement control. This supports the assigned APACS+ maintenance strategy.

SYSTEM RELATIONSHIP

Upstream Field source or system command assigned to the rack power supply module function.	Product role 39PSMNAN performs its configured function inside APACS+.
Downstream Receiving channel, field device or operator interface.	Supervision Diagnostics, alarms and process indications confirm healthy operation.

Applications and operating context

COMMON APPLICATIONS

Installed-base maintenance Restore the assigned rack power supply module position without changing the surrounding system design.	Loop and channel service Retain terminal assignments, scaling and channel ownership during controlled replacement.
Fault isolation Separate module, field wiring and configuration causes during troubleshooting.	Commissioning Prove the complete signal path before returning the process to service.

OPERATIONAL WORKFLOW

Normal operation	39PSMNAN maintains the assigned rack power supply module path.
Inspection	Review physical condition, status and process indications.
Fault isolation	Separate field, connection, module and configuration causes.
Replacement	Match the complete identity and restore retained interfaces.
Commissioning	Prove static and dynamic response under controlled conditions.
Return to service	Remove bypasses after alarms and process behavior are accepted.

SERVICE PLANNING

People Controls, electrical and operations roles defined.	Information Marking, configuration and connection map available.
Hardware Correct replacement, tools and test equipment prepared.	Process Isolation, test and release windows approved.

Model-specific questions

FAQ

What is Siemens 39PSMNAN designed to do?	It provides the rack power supply module function for APACS+.
How is Siemens 39PSMNAN integrated into the control system?	It occupies the assigned APACS+ position and retains the surrounding interfaces.
Which rated output is specified for Siemens 39PSMNAN?	Rated output: 100 W.
What should be checked about the associated assembly on Siemens 39PSMNAN?	Confirm 16013-1/10 before energization.
Which mounting context belongs to Siemens 39PSMNAN?	The applicable value is Existing system position.
How should technicians preserve the connection control of Siemens 39PSMNAN?	Record and restore Match installed terminals.
Which acceptance test applies after Siemens 39PSMNAN is installed?	Verify the static state, controlled dynamic response and final APACS+ status.
What must match before Siemens 39PSMNAN returns to service?	The model marking, installed position, connections, configuration and end-to-end response must all agree.

MAINTENANCE DECISIONS

Keep in service	Status and end-to-end response remain stable.
Investigate	Intermittent value, diagnostic or connector condition appears.
Replace	Confirmed product fault persists after field and configuration checks.
Escalate	Identity, compatibility or process consequence remains unclear.

SUCCESSFUL OUTCOME

Identity Exact model and installed position agree.	Connections Every assigned interface is restored.
Configuration All retained settings are active.	Response The process and diagnostic path pass testing.

Precautions and selection

EIGHT PRODUCT PRECAUTIONS

1	Confirm the complete Siemens 39PSMNAN marking before removal.
2	Place the affected APACS+ function in its approved maintenance state.
3	Record terminals, connectors and installed orientation before disconnection.
4	Retain channel assignments, scaling and communication settings.
5	Inspect mating contacts and terminal hardware for damage or contamination.
6	Restore shields, commons and protective grounding exactly as assigned.
7	Energize under controlled conditions and review module status.
8	Verify the end-to-end process response before release.

RELATED SIEMENS PRODUCT PAGES

Siemens 6ES7134-4NB51-0AB0	https://www.apterpower.com/Siemens/Siemens-Simatic-S7-ET200/6es7134-4nb51-0ab0
Siemens 6DS1731-8RR	https://www.apterpower.com/Siemens/Siemens-Teleperm/Teleperm-M-ME/6ds1731-8rr

FINAL PRODUCT SUMMARY

Model	39PSMNAN
Family	APACS+
Function	rack power supply module
Selection basis	Complete identity, interfaces and configured function
Installation basis	Saved connections and controlled configuration
Release basis	Verified mechanical, electrical, logical and process response