Siemens 405-4DAC
Complete Product Information

PRODUCT OVERVIEW

Product	405-4DAC
Type	Analog Output Module
Platform	SIMATIC TI 405
Primary role	analog output module base identifier

KEY CAPABILITIES

Capability 1 Provides the analog output module base identifier function.	Capability 2 Integrates with the SIMATIC TI 405 platform.
Capability 3 Retains the assigned signal or communication path.	Capability 4 Uses the complete 405-4DAC identity for replacement control.

WHERE IT FITS

Installed-base maintenance Restore the assigned analog output module base identifier 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	SIMATIC TI 405
Signal direction	Controller to field
Signal class	Analog output
Identity control	Check side label for -1 or -2 execution
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 analog output module base identifier function. This supports the assigned SIMATIC TI 405 maintenance strategy.
Capability 2	Integrates with the SIMATIC TI 405 platform. This supports the assigned SIMATIC TI 405 maintenance strategy.
Capability 3	Retains the assigned signal or communication path. This supports the assigned SIMATIC TI 405 maintenance strategy.
Capability 4	Uses the complete 405-4DAC identity for replacement control. This supports the assigned SIMATIC TI 405 maintenance strategy.

SYSTEM RELATIONSHIP

Upstream Field source or system command assigned to the analog output module base identifier function.	Product role 405-4DAC performs its configured function inside SIMATIC TI 405.
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 analog output module base identifier 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	405-4DAC maintains the assigned analog output module base identifier 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

Which control family uses Siemens 405-4DAC?	Siemens 405-4DAC belongs to the SIMATIC TI 405 platform.
What function does Siemens 405-4DAC perform?	It performs the analog output module base identifier function.
Which signal class applies to Siemens 405-4DAC?	Signal class: Analog output.
How does Siemens 405-4DAC use its identity control?	Identity control: Check side label for -1 or -2 execution.
Why must the mounting context be checked on Siemens 405-4DAC?	The applicable value is Existing system position and it must match the installed position.
Which connection control should be retained for Siemens 405-4DAC?	Retain Match installed terminals.
What commissioning result is required for Siemens 405-4DAC?	Confirm the complete analog output module base identifier path from its field interface through the assigned system function.
How should Siemens 405-4DAC be identified before replacement?	Match the full 405-4DAC marking and all installed interfaces before removal.

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 405-4DAC marking before removal.
2	Place the affected SIMATIC TI 405 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 6DP1900-8AA	https://www.apterpower.com/Siemens/Siemens-Teleperm/6dp1900-8aa
Siemens 6DP1210-8BC	https://www.apterpower.com/Siemens/Siemens-Teleperm/6dp1210-8bc

FINAL PRODUCT SUMMARY

Model	405-4DAC
Family	SIMATIC TI 405
Function	analog output module base identifier
Selection basis	Complete identity, interfaces and configured function
Installation basis	Saved connections and controlled configuration
Release basis	Verified mechanical, electrical, logical and process response