

C98043-A7105-L4

SINAMICS DCM Power Interface Board

Siemens C98043-A7105-L4 is a SINAMICS DCM Power Interface Board for the SINAMICS DCM DC converter. It performs the documented power-interface board between the converter power section and control electronics within the matched drive configuration.

BRAND	Siemens	FAMILY	SINAMICS DCM DC converter
PART	C98043-A7105-L4	SYSTEM ROLE	Provides the documented power-interface board between the converter power section and control electronics

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C98043-A7105-L4

MANUFACTURER SOURCE RECORD

SINAMICS DCM DC Converter Operating Instructions
C98130-A7066-A1-05-7619, 01/2012

Product Overview

SYSTEM FUNCTION

Siemens C98043-A7105-L4 is a SINAMICS DCM Power Interface Board for the SINAMICS DCM DC converter. It performs the documented power-interface board between the converter power section and control electronics within the matched drive configuration.

FUNCTION 1

Provides the documented power-interface board between the converter power section and control electronics

FUNCTION 2

Uses exact article identity C98043-A7105-L4 for replacement control

FUNCTION 3

Integrates with the matched SINAMICS DCM DC converter hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SINAMICS DCM DC converter
Primary interface	Provides the documented power-interface board between the converter power section and control electronics
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for C98043-A7105-L4. Commissioning preserves the installed architecture and verifies controlled drive response.
Commissioning duty	Complete a controlled no-load or safe-point functional test before returning the machine to service.

TECHNICAL NOTE

Install C98043-A7105-L4 only in the documented SINAMICS DCM DC converter position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected power-interface board between the converter power section and control electronics under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Board reference	C98043-A7105-L4	Module role	Power Interface
System family	SINAMICS DCM	Terminal role	Power-section interface

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
A5E36228241	product page	View A5E36228241 page
A5E00282044	product page	View A5E00282044 page
A5E00296878	product page	View A5E00296878 page
A5E34612879	product page	View A5E34612879 page
A5E00825002	product page	View A5E00825002 page
A5E00755411	product page	View A5E00755411 page
A5E00297628	product page	View A5E00297628 page
A5E03915589	product page	View A5E03915589 page

ENGINEERING BOUNDARY

Confirm C98043-A7105-L4, SINAMICS DCM DC converter host, hardware revision, connectors and terminals, power class, feedback or fieldbus options, grounding, cooling, firmware or parameter set, accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

SINAMICS DCM DC converter planned maintenance

Restores the documented power-interface board between the converter power section and control electronics during a controlled cabinet service.

SINAMICS DCM Power Interface Board replacement

Uses the exact C98043-A7105-L4 identity to avoid an adjacent hardware execution.

Drive-system refurbishment

Preserves the recorded power, control, communication and protective-earth arrangement.

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

Product Precautions

- 1

Confirm the complete C98043-A7105-L4 marking and the installed SINAMICS DCM DC converter position.
- 2

Place the driven machine and associated process in the approved maintenance state.
- 3

Isolate incoming power, prove stored DC-link energy discharged and use ESD controls.
- 4

Record every power, control, feedback, communication and protective-earth connection before removal.
- 5

Verify the installed host hardware and all values documented for C98043-A7105-L4 against the official source.
- 6

Restore the approved hardware execution, connector arrangement and project or parameter record.
- 7

Energize in the prescribed sequence and review drive, board and communication diagnostics.
- 8

Complete a controlled no-load or safe-point functional test before returning the machine to service.

IMPORTANT NOTICE

Confirm C98043-A7105-L4, SINAMICS DCM DC converter host, hardware revision, connectors and terminals, power class, feedback or fieldbus options, grounding, cooling, firmware or parameter set, accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	C98043-A7105-L4
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional release	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineer FAQ

Q1 How is C98043-A7105-L4 identified?

Match the complete article number, SINAMICS DCM Power Interface Board designation and C98043-A7105-L4.

Q3 What records are retained before removing C98043-A7105-L4?

Record power, control, feedback, communication and PE connections.

Q5 Which official values govern C98043-A7105-L4?

Board reference: C98043-A7105-L4; System family: SINAMICS DCM; Module role: Power Interface; Terminal role: Power-section interface.

Q7 Which diagnostics follow C98043-A7105-L4 energization?

Review drive, board and communication diagnostics in the prescribed startup sequence.

Q2 Which host is required for C98043-A7105-L4?

Use only the documented SINAMICS DCM DC converter execution with matching interfaces.

Q4 How is C98043-A7105-L4 isolated safely?

Secure the machine, isolate supplies, prove the DC link discharged and use ESD controls.

Q6 How is C98043-A7105-L4 configuration restored?

Restore the approved hardware execution, connectors and parameter or project record.

Q8 What releases C98043-A7105-L4 to service?

A controlled safe-point functional test with the expected drive response.

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