

INDUSTRIAL AUTOMATION PRODUCT

C98043-A7105-L4

SINAMICS DCM Power Interface Board

Siemens C98043-A7105-L4 is the documented SINAMICS DCM Power Interface Board for the SINAMICS DCM DC converter.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SINAMICS DCM DC converter
Part number	C98043-A7105-L4
Product role	Exact article identity: C98043-A7105-L4
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Install C98043-A7105-L4 only in the documented SINAMICS DCM DC converter position.

APTER POWER SALES TEAM

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C98043-A7105-L4

Technical Specifications

Technical values below are limited to the named Siemens product record and directly applicable manufacturer documentation.

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

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SINAMICS DCM DC converter
Primary system role	Exact article identity: C98043-A7105-L4
Connection boundary	Install C98043-A7105-L4 only in the documented SINAMICS DCM DC converter position.
Controlled acceptance duty	SINAMICS DCM DC converter planned maintenance

ENGINEERING BOUNDARY

Confirm C98043-A7105-L4, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	C98043-A7105-L4
Installed host	SINAMICS DCM DC converter
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

TECHNICAL IDENTITY CROSS-CHECK

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

System Role and Architecture

Siemens C98043-A7105-L4 is the documented SINAMICS DCM Power Interface Board for the SINAMICS DCM DC converter.

FUNCTION 1
Exact article identity: C98043-A7105-L4

FUNCTION 2
Documented component: SINAMICS DCM Power Interface Board

FUNCTION 3
Installed family: SINAMICS DCM DC converter

FUNCTION 4
Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SINAMICS DCM DC converter
2	SINAMICS DCM
3	SINAMICS DCM DC converter planned maintenance
4	Install C98043-A7105-L4 only in the documented SINAMICS DCM DC converter position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SINAMICS DCM DC converter
Interface role	Exact article identity: C98043-A7105-L4
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for C98043-A7105-L4.
Commissioning evidence	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Installation and Connection Checks

- 1

Verify the installed host hardware and all values documented for C98043-A7105-L4 against the official source.
- 2

Restore the approved hardware execution, connector arrangement and project or parameter record.
- 3

Energize in the prescribed sequence and review drive, board and communication diagnostics.
- 4

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

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

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.

TECHNICAL NOTE

Install C98043-A7105-L4 only in the documented SINAMICS DCM DC converter position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	C98043-A7105-L4 recorded
Host / carrier	SINAMICS DCM DC converter
Physical interface	Exact article identity: C98043-A7105-L4
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional proof	Complete a controlled no-load or safe-point functional test before returning the machine to service.

IMPORTANT NOTICE

Confirm C98043-A7105-L4, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	C98043-A7105-L4
Approved role	SINAMICS DCM DC converter planned maintenance
Final validation	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
A5E36228241	product page	View A5E36228241 page
A5E00282044	product page	View A5E00282044 page

MANUFACTURER SOURCE RECORD

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