

C98043-A7107-L4

Power Interface L05

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

Siemens C98043-A7107-L4 is a power-interface spare part identified as option L05 with board reference C98043-A7107-L4. It restores the documented interface position in the matched Siemens drive assembly.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact Siemens article.

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C98043-A7107-L4

Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

- 1

Confirm C98043-A7107-L4, L05 and C98043-A7107-L4 on the supplied and installed records.
- 2

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

Isolate incoming power and prove all stored DC energy discharged.
- 4

Photograph and label every board connector and interface cable before removal.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	C98043-A7107-L4
Host / carrier	Siemens drive power-interface spare-part system
Primary system role	Provides the documented power-interface L05 execution
Acceptance boundary	Verify the affected drive function and interlocks before returning the machine to service.
Source record	Siemens product record for C98043-A7107-L4

WORK AUTHORIZATION RECORD

Work order: _____

Drawing / revision: _____

Checked by: _____

Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

Before removing C98043-A7107-L4, record the complete marking, installed position, mating hardware, connectors, wiring and configured function. Restore the documented Siemens arrangement, review diagnostics and complete a controlled functional test before release.

- 1

Use ESD controls and inspect mating connectors, board guides and grounding.
- 2

Restore only the documented L05 execution and C98043-A7107-L4 connector arrangement.
- 3

Review drive and interface diagnostics after controlled energization.
- 4

Verify the affected drive function and interlocks before returning the machine to service.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

Confirm C98043-A7107-L4, L05, C98043-A7107-L4, installed Siemens drive type, hardware revision, connectors, control wiring, protective grounding, cooling, firmware, parameters and controlled diagnostic and functional-test results before commissioning.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	C98043-A7107-L4
Host match	Siemens drive power-interface spare-part system
Connection proof	Restore only the documented L05 execution and C98043-A7107-L4 connector arrangement.
Configuration proof	Review drive and interface diagnostics after controlled energization.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

Verify the affected drive function and interlocks before returning the machine to service.

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

Drive power-interface replacement

Restores the exact interface option recorded for the installed drive.

Legacy Siemens drive service

Preserves the documented board identity during cabinet maintenance.

Drive cabinet refurbishment

Provides the model and board-reference pair used for connection verification.

Controlled drive recommissioning

Supports identity, connector and diagnostic checks before motor operation.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
6RA8075-6DS22-0AA0	SINAMICS DC converter	View 6RA8075-6DS22-0AA0 page
6ES7314-6BH04-0AB0	S7-300 CPU	View 6ES7314-6BH04-0AB0 page
6ES7223-1BL22-0XA0	S7-200 I/O module	View 6ES7223-1BL22-0XA0 page
6AU1455-2AD00-0AA0	SIMOTION controller	View 6AU1455-2AD00-0AA0 page
6SL3120-2TE21-0AA4	SINAMICS Motor Module	View 6SL3120-2TE21-0AA4 page
6SL3320-1TE33-1AA3	SINAMICS Motor Module	View 6SL3320-1TE33-1AA3 page
6SL3362-0AG00-0AA1	SINAMICS component	View 6SL3362-0AG00-0AA1 page
6SL3352-1AE37-5BA1	replacement power block	View 6SL3352-1AE37-5BA1 page

MANUFACTURER SOURCE RECORD

Siemens product record for C98043-A7107-L4
Siemens Industry Mall catalog D23.1LDSP / COMPAS product record

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