

6SE7041-2WL84-1JC0

SIMOVERT MASTERDRIVES IGD9 Inverter Control Board

Siemens 6SE7041-2WL84-1JC0 is a SIMOVERT MASTERDRIVES IGD9 Inverter Control Board for the SIMOVERT MASTERDRIVES. It performs the documented IGD9 inverter-control board for the documented high-voltage drive execution within the matched drive configuration.

BRAND	Siemens	FAMILY	SIMOVERT MASTERDRIVES
PART	6SE7041-2WL84-1JC0	SYSTEM ROLE	Provides the documented IGD9 inverter-control board for the documented high-voltage drive execution

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6SE7041-2WL84-1JC0

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Record
6SE7041-2WL84-1JC0

Product Overview

SYSTEM FUNCTION

Siemens 6SE7041-2WL84-1JC0 is a SIMOVERT MASTERDRIVES IGD9 Inverter Control Board for the SIMOVERT MASTERDRIVES. It performs the documented IGD9 inverter-control board for the documented high-voltage drive execution within the matched drive configuration.

FUNCTION 1

Provides the documented IGD9 inverter-control board for the documented high-voltage drive execution

FUNCTION 2

Uses exact article identity 6SE7041-2WL84-1JC0 for replacement control

FUNCTION 3

Integrates with the matched SIMOVERT MASTERDRIVES hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SIMOVERT MASTERDRIVES
Primary interface	Provides the documented IGD9 inverter-control board for the documented high-voltage drive execution
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7041-2WL84-1JC0. 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 6SE7041-2WL84-1JC0 only in the documented SIMOVERT MASTERDRIVES position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected IGD9 inverter-control board for the documented high-voltage drive execution under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	IGD9 inverter control board	Documented current class	1230 A
DC device range	675 to 930 V DC	Successor	6SE7041-2WL84-1JC1

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SE7090-0XX87-4AH0	product page	View 6SE7090-0XX87-4AH0 page
C98043-A7109-L100	product page	View C98043-A7109-L100 page
6RY1803-1DA04	product page	View 6RY1803-1DA04 page
6SL3352-6TE33-8AA3	product page	View 6SL3352-6TE33-8AA3 page
6RY1803-0DA04	product page	View 6RY1803-0DA04 page
C98043-A7106-L4	product page	View C98043-A7106-L4 page
6RY1803-0DA03	product page	View 6RY1803-0DA03 page
C98043-A7106-L1	product page	View C98043-A7106-L1 page

ENGINEERING BOUNDARY

Confirm 6SE7041-2WL84-1JC0, SIMOVERT MASTERDRIVES 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

SIMOVERT MASTERDRIVES planned maintenance

Restores the documented IGD9 inverter-control board for the documented high-voltage drive execution during a controlled cabinet service.

SIMOVERT MASTERDRIVES IGD9 Inverter Control Board replacement

Uses the exact 6SE7041-2WL84-1JC0 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 6SE7041-2WL84-1JC0 marking and the installed SIMOVERT MASTERDRIVES 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 6SE7041-2WL84-1JC0 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 6SE7041-2WL84-1JC0, SIMOVERT MASTERDRIVES 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	6SE7041-2WL84-1JC0
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 6SE7041-2WL84-1JC0 identified?

Match the complete article number, SIMOVERT MASTERDRIVES IGD9 Inverter Control Board designation and IGD9 inverter control board.

Q3 What records are retained before removing 6SE7041-2WL84-1JC0?

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

Q5 Which official values govern 6SE7041-2WL84-1JC0?

Module type: IGD9 inverter control board; DC device range: 675 to 930 V DC; Documented current class: 1230 A; Successor: 6SE7041-2WL84-1JC1.

Q7 Which diagnostics follow 6SE7041-2WL84-1JC0 energization?

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

Q2 Which host is required for 6SE7041-2WL84-1JC0?

Use only the documented SIMOVERT MASTERDRIVES execution with matching interfaces.

Q4 How is 6SE7041-2WL84-1JC0 isolated safely?

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

Q6 How is 6SE7041-2WL84-1JC0 configuration restored?

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

Q8 What releases 6SE7041-2WL84-1JC0 to service?

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

MANUFACTURER SOURCE RECORD

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