

Siemens

C98043-A1601-L4

SIMOREG 6RA24 Power Interface Board

Siemens C98043-A1601-L4 is a SIMOREG 6RA24 power interface board associated with article number 6RY1243-0DA01. The documented designation is a gating and supply-voltage power interface for the matched converter assembly.

System position

Exact identity C98043-A1601-L4	System family SIMOREG 6RA24	Functional role Power Interface Board	Release basis Recorded test and diagnostics
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Keep the hardware and configuration identities together

The board transfers gate-control and supply-voltage functions between the SIMOREG controller and its power section, making connector position and converter execution essential replacement checks.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact board number	C98043-A1601-L4
Associated article	6RY1243-0DA01
Hardware type	Power interface board
System family	SIMOREG 6RA24
Documented designation	Gating + supply-voltage power interface
Catalog reference	DA21E-2

Technical evidence record: Corroborated exact-board SIMOREG 6RA24 article records

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C98043-A1601-L4

Interfaces and integration

Define the installed role

The board transfers gate-control and supply-voltage functions between the SIMOREG controller and its power section, making connector position and converter

Exact board number	C98043-A1601-L4
Associated article	6RY1243-0DA01
Hardware type	Power interface board

Map the host relationship

The complete C98043-A1601-L4 identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	SIMOREG 6RA24
Primary role	gate-signal and supply-voltage interfacing
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded SIMOREG 6RA24 position, connected interfaces and configuration baseline.

Acceptance evidence

Release C98043-A1601-L4 only after diagnostics and a controlled functional result are recorded.

Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE	PARAMETER	VALUE
Exact board number	C98043-A1601-L4	Catalog reference	DA21E-2
Associated article	6RY1243-0DA01	Product group	4103
Hardware type	Power interface board	Replacement basis	Board number, article number and converter
System family	SIMOREG 6RA24	Pre-removal record	Connector positions and harness orientation
Documented designation	Gating + supply-voltage power interface	Acceptance	Power-section enable, diagnostics and controlled

Identity decision

Accept only the complete C98043-A1601-L4 marking and the recorded hardware execution.

Host decision

Confirm the receiving SIMOREG 6RA24 position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of gate-signal and supply-voltage interfacing inside a matched SIMOREG 6RA24 converter before handover.

Engineering boundary

Use C98043-A1601-L4 only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

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Controls and service logic

SIMOREG power-section repair

Restores the documented gate and supply interface without altering the converter execution.

Converter refurbishment

Supports board-level renewal after every harness and mounting point is recorded.

Gate-path troubleshooting

Separates interface-board checks from power-device and controller faults.

Controlled spare identification

Cross-checks the board number with 6RY1243-0DA01 before installation.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read C98043-A1601-L4 and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

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Engineering decisions

Which system uses C98043-A1601-L4?

The exact board is documented for the SIMOREG 6RA24 converter family.

Which Siemens article number is associated with this board?

Exact product records associate it with 6RY1243-0DA01.

What is the board's documented function?

It is the gating and supply-voltage interface for the converter power section.

Why must both identifiers be checked?

The printed board number and commercial article number together reduce the risk of fitting a different execution.

What is captured before board removal?

Record connector locations, harness orientation, mounting points and the converter diagnostic state.

Which condition must be met before handling?

The converter must be isolated and its stored-energy discharge procedure completed and verified.

Related Apter Power pages

[Siemens 6SE7035 1EJ84 1JC1 — View product page](#)

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