

Installation Identity and Scope

Siemens C98043-A7004-L2 is an A7004-L2 converter module documented in the SIMOREG DC-MASTER operating instructions. Its wiring and resistor arrangement must be matched to the installed converter current configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	C98043-A7004-L2
Manufacturer	Siemens
Hardware type	SIMOREG Converter Module
System family	SIMOREG DC-MASTER
Official source	6RX1700-0AD76, C98043-A7004-L1/-L2 wiring and component table

CONTROLLED ENGINEERING COPY

Use only the complete Siemens C98043-A7004-L2 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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C98043-A7004-L2

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete C98043-A7004-L2 marking and installed converter rating.
2	Isolate and prove the DC drive power stage de-energized before work.
3	Record the armature-current and field-current configuration.
4	Label 3U1, 3W1, 3D, 3C and X102 connections before disconnection.
5	Confirm the documented R1 to R8 resistor values for the installed configuration.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	C98043-A7004-L2
Physical interface	Exact Siemens C98043-A7004-L2 nameplate and installed revision
Companion check	Documented SIMOREG Converter Module system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39RTMCAN-16207-61-10	View Siemens 39RTMCAN-16207-61-10
Siemens 39RTMCAN-16207-61-11	View Siemens 39RTMCAN-16207-61-11
Siemens 39RTMCAN-16207-61-13	View Siemens 39RTMCAN-16207-61-13
Siemens 39SAMCAN-16133-71-04	View Siemens 39SAMCAN-16133-71-04
Siemens 39SAMCAN-16133-71-13	View Siemens 39SAMCAN-16133-71-13

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Siemens C98043-A7004-L2 and the installed revision exactly.
Drive family	Verify the documented value: SIMOREG DC-MASTER.
Module identity	Verify the documented value: C98043-A7004-L2.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete SIMOREG Converter Module function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete Siemens C98043-A7004-L2 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Drive family	SIMOREG DC-MASTER
Module identity	C98043-A7004-L2
Documented converter range	A7004-L1/-L2 configurations
Armature-current configurations	900 to 1200 A and 1500 to 2000 A

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39SAMCAN-16133-71-8	View Siemens 39SAMCAN-16133-71-8
Siemens 39SAMCAN-16133-71-9	View Siemens 39SAMCAN-16133-71-9

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete C98043-A7004-L2 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Siemens C98043-A7004-L2?	It is an A7004-L2 converter module documented for the SIMOREG DC-MASTER power stage.
Which current configurations are documented for Siemens C98043-A7004-L2?	The Siemens table lists A7004-L1/-L2 arrangements for 900–1200 A and 1500–2000 A armature current with 30 A or 40 A field current.
Which main connections belong to Siemens C98043-A7004-L2?	The wiring diagram identifies 3U1, 3W1, 3D and 3C power-stage connections.
What is the X102 connection on Siemens C98043-A7004-L2?	The Siemens wiring diagram shows X102 connecting the A7004 module to the A7002 assembly.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39SDM024DCCBN-16101-174-8	View Siemens 39SDM024DCCBN-16101-174-8
Siemens 39VIMCCN-16171-126-3	View Siemens 39VIMCCN-16171-126-3
Siemens 39VIMCCN-16171-126-6	View Siemens 39VIMCCN-16171-126-6
Siemens 39VIMCCN-A5E00282175-07	View Siemens 39VIMCCN-A5E00282175-07
Siemens 3RN2011-1BA30	View Siemens 3RN2011-1BA30

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Why must the installed current class be checked for Siemens C98043-A7004-L2?	The applicable field-current and component arrangement depends on the complete converter configuration.
What must be inspected before energizing Siemens C98043-A7004-L2?	Inspect module identity, resistor set, thyristor blocks, gating leads, insulation and all labeled connections.
What confirms successful commissioning of Siemens C98043-A7004-L2?	Correct firing, current feedback, field circuit and regulated DC output under a controlled test confirm release.

MANUFACTURER SOURCE RECORDS

Siemens SIMOREG DC-MASTER Operating Instructions - 6RX1700-0AD76, C98043-A7004-L1/-L2 wiring and component table
Siemens SIMOREG DC-MASTER Operating Instructions - 6RX1700-0AD76, C98043-A7004-L1/-L2 wiring and component table

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	C98043-A7004-L2 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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