

INDUSTRIAL AUTOMATION PRODUCT

C98043-A7004-L2

SIMOREG Converter Module

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
Complete model	C98043-A7004-L2
Product role	SIMOREG Converter Module
System family	SIMOREG DC-MASTER
Source record	6RX1700-0AD76, C98043-A7004-L1/-L2 wiring and component table

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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C98043-A7004-L2

Technical Specifications

PARAMETER	VERIFIED 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
Field-current configurations	30 A and 40 A
Resistor set	R1 to R8, 0R04 in the documented L1/L2 table
Main connections	3U1, 3W1, 3D and 3C
Control connector	X102 connection to A7002

ENGINEERING 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 16267-1-2	View Siemens 16267-1-2
Siemens 39ACM24BAN-16139-76-09	View Siemens 39ACM24BAN-16139-76-09
Siemens 39ACM24BEN-16139-215-1	View Siemens 39ACM24BEN-16139-215-1
Siemens 39EAMCBN-16154-93-3	View Siemens 39EAMCBN-16154-93-3
Siemens 39EAMCBN-A5E00282025-05	View Siemens 39EAMCBN-A5E00282025-05
Siemens 39MBXNAN-16180-1-14	View Siemens 39MBXNAN-16180-1-14

System Role and Common Applications

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.

FUNCTION 1
Provides the documented A7004-L2 converter power-stage function

FUNCTION 2
Uses the SIMOREG DC-MASTER wiring arrangement

FUNCTION 3
Supports the listed armature and field-current configurations

FUNCTION 4
Connects to the A7002 assembly through X102

APPLICATION	ENGINEERING CONTEXT
SIMOREG power stage	Operates within a documented high-current DC converter assembly.
Converter service	Replaces an identical A7004-L2 after current-class and wiring verification.
Thyristor circuit maintenance	Restores the documented module and resistor arrangement.
Controlled drive commissioning	Validates power connections, firing interface and regulated DC output.

ACCEPTANCE DUTY
Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
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.
6	Inspect thyristor blocks, gating leads and insulation before reconnection.
7	Do not interchange L1/L2 with L3/L4 arrangements.
8	Commission with controlled firing, current feedback and DC-output checks before release.

QUESTION	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 39MBXNAN-16180-1-17	View Siemens 39MBXNAN-16180-1-17
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

FAQ, Related Products and Official Sources

QUESTION	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.

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
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

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

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