

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.

BRAND	Siemens	MODEL	C98043-A7004-L2
PRODUCT	SIMOREG Converter Module	FAMILY	SIMOREG DC-MASTER
OFFICIAL SOURCE	Siemens SIMOREG DC-MASTER Operating Instructions	RECORD	6RX1700-0AD76, C98043-A7004-L1/-L2 wiring and component table

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

Technical Data and Acceptance

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

Acceptance Path

1 IDENTITY

The complete C98043-A7004-L2 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete C98043-A7004-L2 marking and installed converter rating.	What is Siemens C98043-A7004-L2?	It is an A7004-L2 converter module documented for the SIMOREG DC-MASTER power stage.
2	Isolate and prove the DC drive power stage de-energized before work.		
3	Record the armature-current and field-current configuration.	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.
4	Label 3U1, 3W1, 3D, 3C and X102 connections before disconnection.		
5	Confirm the documented R1 to R8 resistor values for the installed configuration	Which main connections belong to Siemens C98043-A7004-L2?	The wiring diagram identifies 3U1, 3W1, 3D and 3C power-stage connections.
6	Inspect thyristor blocks, gating leads and insulation before reconnection.		
7	Do not interchange L1/L2 with L3/L4 arrangements.	What is the X102 connection on Siemens C98043-A7004-L2?	The Siemens wiring diagram shows X102 connecting the A7004 module to the A7002 assembly.
8	Commission with controlled firing, current feedback and DC-output checks before release.		

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
Siemens 3RT5044-1AN20	View Siemens 3RT5044-1AN20

FAQ, Related Products and 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.

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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 3RT6015-1BB41	View Siemens 3RT6015-1BB41
Siemens 3RT6024-1AN20	View Siemens 3RT6024-1AN20
Siemens 3RT6025-1AN20	View Siemens 3RT6025-1AN20
Siemens 3SK2122-1AA10	View Siemens 3SK2122-1AA10
Siemens 3TF5422-0XM0	View Siemens 3TF5422-0XM0
Siemens 3TY7540-0A	View Siemens 3TY7540-0A
Siemens 3TY7560-0A	View Siemens 3TY7560-0A
Siemens 3VL9300-3HF05	View Siemens 3VL9300-3HF05

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