

C98043-A1680-L1

SIMOVERT MASTERDRIVES CUR Control Electronics Module

Siemens C98043-A1680-L1 is a SIMOVERT MASTERDRIVES CUR Control Electronics Module for the SIMOVERT MASTERDRIVES common rectifier. It performs the documented CUR control-electronics module for infeed and regenerative-feedback equipment within the matched drive configuration.

BRAND	Siemens	FAMILY	SIMOVERT MASTERDRIVES common rectifier
PART	C98043-A1680-L1	SYSTEM ROLE	Provides the documented CUR control-electronics module for infeed and regenerative-feedback equipment

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C98043-A1680-L1

MANUFACTURER SOURCE RECORD

SIMOVERT MASTERDRIVES Common Rectifier Operating Instructions
6SE7087-6AK85-0AA0, Edition D, 02/1996

Product Overview

SYSTEM FUNCTION

Siemens C98043-A1680-L1 is a SIMOVERT MASTERDRIVES CUR Control Electronics Module for the SIMOVERT MASTERDRIVES common rectifier. It performs the documented CUR control-electronics module for infeed and regenerative-feedback equipment within the matched drive configuration.

FUNCTION 1

Provides the documented CUR control-electronics module for infeed and regenerative-feedback equipment

FUNCTION 2

Uses exact article identity C98043-A1680-L1 for replacement control

FUNCTION 3

Integrates with the matched SIMOVERT MASTERDRIVES common rectifier hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SIMOVERT MASTERDRIVES common rectifier
Primary interface	Provides the documented CUR control-electronics module for infeed and regenerative-feedback equipment
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for C98043-A1680-L1. 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 C98043-A1680-L1 only in the documented SIMOVERT MASTERDRIVES common rectifier position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected CUR control-electronics module for infeed and regenerative-feedback equipment under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	CUR control electronics	Host equipment	Infeed / regenerative-feedback unit
Board family	C98043-A1680-L1		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SE7041-8HK85-1HA0	product page	View 6SE7041-8HK85-1HA0 page
6SL3200-0SP01-0AA0	product page	View 6SL3200-0SP01-0AA0 page
C98043-A1682-L1	product page	View C98043-A1682-L1 page
A5E36717803	product page	View A5E36717803 page
A5E36717808	product page	View A5E36717808 page
A5E00297630	product page	View A5E00297630 page
A5E36717793	product page	View A5E36717793 page
A5E36717811	product page	View A5E36717811 page

ENGINEERING BOUNDARY

Confirm C98043-A1680-L1, SIMOVERT MASTERDRIVES common rectifier 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 common rectifier planned maintenance

Restores the documented CUR control-electronics module for infeed and regenerative-feedback equipment during a controlled cabinet service.

Drive-system refurbishment

Preserves the recorded power, control, communication and protective-earth arrangement.

SIMOVERT MASTERDRIVES CUR Control Electronics Module replacement

Uses the exact C98043-A1680-L1 identity to avoid an adjacent hardware execution.

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

Product Precautions

- 1

Confirm the complete C98043-A1680-L1 marking and the installed SIMOVERT MASTERDRIVES common rectifier 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 C98043-A1680-L1 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 C98043-A1680-L1, SIMOVERT MASTERDRIVES common rectifier 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	C98043-A1680-L1
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 C98043-A1680-L1 identified?

Match the complete article number, SIMOVERT MASTERDRIVES CUR Control Electronics Module designation and CUR control electronics.

Q3 What records are retained before removing C98043-A1680-L1?

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

Q5 Which official values govern C98043-A1680-L1?

Module type: CUR control electronics; Board family: C98043-A1680-L1; Host equipment: Infeed / regenerative-feedback unit.

Q7 Which diagnostics follow C98043-A1680-L1 energization?

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

Q2 Which host is required for C98043-A1680-L1?

Use only the documented SIMOVERT MASTERDRIVES common rectifier execution with matching interfaces.

Q4 How is C98043-A1680-L1 isolated safely?

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

Q6 How is C98043-A1680-L1 configuration restored?

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

Q8 What releases C98043-A1680-L1 to service?

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

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