

INDUSTRIAL AUTOMATION PRODUCT

C98043-A1680-L1

SIMOVERT MASTERDRIVES CUR Control Electronics Module

Siemens C98043-A1680-L1 is the documented SIMOVERT MASTERDRIVES CUR Control Electronics Module for the SIMOVERT MASTERDRIVES common rectifier.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES common rectifier
Part number	C98043-A1680-L1
Product role	Exact article identity: C98043-A1680-L1
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Install C98043-A1680-L1 only in the documented SIMOVERT MASTERDRIVES common rectifier position.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



C98043-A1680-L1

Technical Specifications

Technical values below are limited to the named Siemens product record and directly applicable manufacturer documentation.

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

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SIMOVERT MASTERDRIVES common rectifier
Primary system role	Exact article identity: C98043-A1680-L1
Connection boundary	Install C98043-A1680-L1 only in the documented SIMOVERT MASTERDRIVES common rectifier position.
Controlled acceptance duty	SIMOVERT MASTERDRIVES common rectifier planned maintenance

ENGINEERING BOUNDARY

Confirm C98043-A1680-L1, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

- 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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	C98043-A1680-L1
Installed host	SIMOVERT MASTERDRIVES common rectifier
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

TECHNICAL IDENTITY CROSS-CHECK

Module type

CUR control electronics

Board family

C98043-A1680-L1

Host equipment

Infeed / regenerative-feedback unit

System Role and Architecture

Siemens C98043-A1680-L1 is the documented SIMOVERT MASTERDRIVES CUR Control Electronics Module for the SIMOVERT MASTERDRIVES common rectifier.

FUNCTION 1
Exact article identity: C98043-A1680-L1

FUNCTION 2
Documented component: SIMOVERT MASTERDRIVES CUR Control Electronics Module

FUNCTION 3
Installed family: SIMOVERT MASTERDRIVES common rectifier

FUNCTION 4
Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SIMOVERT MASTERDRIVES common rectifier
2	C98043-A1680-L1
3	SIMOVERT MASTERDRIVES common rectifier planned maintenance
4	Install C98043-A1680-L1 only in the documented SIMOVERT MASTERDRIVES common rectifier position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES common rectifier
Interface role	Exact article identity: C98043-A1680-L1
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for C98043-A1680-L1.
Commissioning evidence	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Installation and Connection Checks

- 1

Verify the installed host hardware and all values documented for C98043-A1680-L1 against the official source.
- 2

Restore the approved hardware execution, connector arrangement and project or parameter record.
- 3

Energize in the prescribed sequence and review drive, board and communication diagnostics.
- 4

Complete a controlled no-load or safe-point functional test before returning the machine to service.

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

SIMOVERT MASTERDRIVES common rectifier planned maintenance

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

SIMOVERT MASTERDRIVES CUR Control Electronics Module replacement

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

Drive-system refurbishment

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

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

TECHNICAL NOTE

Install C98043-A1680-L1 only in the documented SIMOVERT MASTERDRIVES common rectifier position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	C98043-A1680-L1 recorded
Host / carrier	SIMOVERT MASTERDRIVES common rectifier
Physical interface	Exact article identity: C98043-A1680-L1
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional proof	Complete a controlled no-load or safe-point functional test before returning the machine to service.

IMPORTANT NOTICE

Confirm C98043-A1680-L1, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	C98043-A1680-L1
Approved role	SIMOVERT MASTERDRIVES common rectifier planned maintenance
Final validation	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
6SE7041-8HK85-1HA0	product page	View 6SE7041-8HK85-1HA0 page
6SL3200-0SP01-0AA0	product page	View 6SL3200-0SP01-0AA0 page

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



C98043-A1680-L1