

INDUSTRIAL AUTOMATION PRODUCT

6SE7024-7FD84-1HH0

SIMOVERT MASTERDRIVES Precharging Module

Siemens 6SE7024-7FD84-1HH0 is the documented SIMOVERT MASTERDRIVES Precharging Module for the SIMOVERT MASTERDRIVES.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Part number	6SE7024-7FD84-1HH0
Product role	Exact article identity: 6SE7024-7FD84-1HH0
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 6SE7024-7FD84-1HH0 only in the documented SIMOVERT MASTERDRIVES position.

APTER POWER SALES TEAM

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



6SE7024-7FD84-1HH0

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Module type	Precharging module	Drive family	SIMOVERT MASTERDRIVES
Article number	6SE7024-7FD84-1HH0		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SIMOVERT MASTERDRIVES
Primary system role	Exact article identity: 6SE7024-7FD84-1HH0
Connection boundary	Install 6SE7024-7FD84-1HH0 only in the documented SIMOVERT MASTERDRIVES position.
Controlled acceptance duty	SIMOVERT MASTERDRIVES planned maintenance

ENGINEERING BOUNDARY

Confirm 6SE7024-7FD84-1HH0, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

1	Confirm the complete 6SE7024-7FD84-1HH0 marking and the installed SIMOVERT MASTERDRIVES 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	6SE7024-7FD84-1HH0
Installed host	SIMOVERT MASTERDRIVES
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

TECHNICAL IDENTITY CROSS-CHECK

Module type Precharging module	Article number 6SE7024-7FD84-1HH0
Drive family SIMOVERT MASTERDRIVES	

System Role and Architecture

Siemens 6SE7024-7FD84-1HH0 is the documented SIMOVERT MASTERDRIVES Precharging Module for the SIMOVERT MASTERDRIVES.

FUNCTION 1
Exact article identity: 6SE7024-7FD84-1HH0

FUNCTION 2
Documented component: SIMOVERT MASTERDRIVES Precharging Module

FUNCTION 3
Installed family: SIMOVERT MASTERDRIVES

FUNCTION 4
Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SIMOVERT MASTERDRIVES
2	6SE7024-7FD84-1HH0
3	SIMOVERT MASTERDRIVES planned maintenance
4	Install 6SE7024-7FD84-1HH0 only in the documented SIMOVERT MASTERDRIVES position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES
Interface role	Exact article identity: 6SE7024-7FD84-1HH0
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7024-7FD84-1HH0.
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 6SE7024-7FD84-1HH0 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

Siemens Industry Mall Product Record
6SE7024-7FD84-1HH0

Applications and Engineering Context

SIMOVERT MASTERDRIVES planned maintenance

Restores the documented precharging module for the exact documented converter execution during a controlled cabinet service.

SIMOVERT MASTERDRIVES Precharging Module replacement

Uses the exact 6SE7024-7FD84-1HH0 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 6SE7024-7FD84-1HH0 only in the documented SIMOVERT MASTERDRIVES position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6SE7024-7FD84-1HH0 recorded
Host / carrier	SIMOVERT MASTERDRIVES
Physical interface	Exact article identity: 6SE7024-7FD84-1HH0
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 6SE7024-7FD84-1HH0, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6SE7024-7FD84-1HH0
Approved role	SIMOVERT MASTERDRIVES 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 6SE7024-7FD84-1HH0 marking and the installed SIMOVERT MASTERDRIVES 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 6SE7024-7FD84-1HH0 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-A7105-L4-9	product page	View C98043-A7105-L4-9 page
6SL3210-5FB10-4UF1	product page	View 6SL3210-5FB10-4UF1 page
39VIMCCN-A5E00282175-07	product page	View 39VIMCCN-A5E00282175-07 page
39EAMCBN-A5E00282025-05	product page	View 39EAMCBN-A5E00282025-05 page
6SE6440-2UD31-1CA1	product page	View 6SE6440-2UD31-1CA1 page
6SE7033-5GJ84-1JC0	product page	View 6SE7033-5GJ84-1JC0 page
6SL3224-0BE31-1UA0	product page	View 6SL3224-0BE31-1UA0 page
6SL3210-1PE31-8AL0	product page	View 6SL3210-1PE31-8AL0 page

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Record
6SE7024-7FD84-1HH0

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