

6SE7024-7FD84-1HH0

SIMOVERT MASTERDRIVES Precharging Module

Siemens 6SE7024-7FD84-1HH0 is a SIMOVERT MASTERDRIVES Precharging Module for the SIMOVERT MASTERDRIVES. It performs the documented precharging module for the exact documented converter execution within the matched drive configuration.

BRAND	Siemens	FAMILY	SIMOVERT MASTERDRIVES
PART	6SE7024-7FD84-1HH0	SYSTEM ROLE	Provides the documented precharging module for the exact documented converter execution

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6SE7024-7FD84-1HH0

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

Siemens 6SE7024-7FD84-1HH0 is a SIMOVERT MASTERDRIVES Precharging Module for the SIMOVERT MASTERDRIVES. It performs the documented precharging module for the exact documented converter execution within the matched drive configuration.

FUNCTION 1

Provides the documented precharging module for the exact documented converter execution

FUNCTION 2

Uses exact article identity 6SE7024-7FD84-1HH0 for replacement control

FUNCTION 3

Integrates with the matched SIMOVERT MASTERDRIVES hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SIMOVERT MASTERDRIVES
Primary interface	Provides the documented precharging module for the exact documented converter execution
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7024-7FD84-1HH0. 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 6SE7024-7FD84-1HH0 only in the documented SIMOVERT MASTERDRIVES position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected precharging module for the exact documented converter execution under controlled conditions.

Technical Data

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

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3224-0BE31-1UA0	product page	View 6SL3224-0BE31-1UA0 page
6SL3210-1PE31-8AL0	product page	View 6SL3210-1PE31-8AL0 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

ENGINEERING BOUNDARY

Confirm 6SE7024-7FD84-1HH0, SIMOVERT MASTERDRIVES 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 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.

Product 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.

IMPORTANT NOTICE

Confirm 6SE7024-7FD84-1HH0, SIMOVERT MASTERDRIVES 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	6SE7024-7FD84-1HH0
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 6SE7024-7FD84-1HH0 identified?

Match the complete article number, SIMOVERT MASTERDRIVES Precharging Module designation and Precharging module.

Q3 What records are retained before removing 6SE7024-7FD84-1HH0?

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

Q5 Which official values govern 6SE7024-7FD84-1HH0?

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

Q7 Which diagnostics follow 6SE7024-7FD84-1HH0 energization?

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

Q2 Which host is required for 6SE7024-7FD84-1HH0?

Use only the documented SIMOVERT MASTERDRIVES execution with matching interfaces.

Q4 How is 6SE7024-7FD84-1HH0 isolated safely?

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

Q6 How is 6SE7024-7FD84-1HH0 configuration restored?

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

Q8 What releases 6SE7024-7FD84-1HH0 to service?

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

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