

6SE7090-0XX84-3EH0

SIMOVERT MASTERDRIVES SE300 Terminal Module

Siemens 6SE7090-0XX84-3EH0 is a SIMOVERT MASTERDRIVES SE300 Terminal Module for the SIMOVERT MASTERDRIVES T300 technology system. It performs the documented SE300 terminal module for the T300 technology board within the matched drive configuration.

BRAND	Siemens	FAMILY	SIMOVERT MASTERDRIVES T300 technology system
PART	6SE7090-0XX84-3EH0	SYSTEM ROLE	Provides the documented SE300 terminal module for the T300 technology board

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6SE7090-0XX84-3EH0

MANUFACTURER SOURCE RECORD

SIMOVERT MASTERDRIVES T300 Operating Instructions
Siemens T300 / SE300 option-board documentation

Product Overview

SYSTEM FUNCTION

Siemens 6SE7090-0XX84-3EH0 is a SIMOVERT MASTERDRIVES SE300 Terminal Module for the SIMOVERT MASTERDRIVES T300 technology system. It performs the documented SE300 terminal module for the T300 technology board within the matched drive configuration.

FUNCTION 1

Provides the documented SE300 terminal module for the T300 technology board

FUNCTION 2

Uses exact article identity 6SE7090-0XX84-3EH0 for replacement control

FUNCTION 3

Integrates with the matched SIMOVERT MASTERDRIVES T300 technology system hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SIMOVERT MASTERDRIVES T300 technology system
Primary interface	Provides the documented SE300 terminal module for the T300 technology board
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7090-0XX84-3EH0. 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 6SE7090-0XX84-3EH0 only in the documented SIMOVERT MASTERDRIVES T300 technology system position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected SE300 terminal module for the T300 technology board under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	SE300 terminal module	Article number	6SE7090-0XX84-3EH0
Matched technology board	T300		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3352-1AE37-5BA1	product page	View 6SL3352-1AE37-5BA1 page
6SE7090-0XX84-3DB1	product page	View 6SE7090-0XX84-3DB1 page
6SE7041-8EK85-1HA0	product page	View 6SE7041-8EK85-1HA0 page
6SE7041-8EK85-0HA0	product page	View 6SE7041-8EK85-0HA0 page
6SE7041-8GK85-0HA0	product page	View 6SE7041-8GK85-0HA0 page
6RA8075-6DS22-0AA0	product page	View 6RA8075-6DS22-0AA0 page
6SL3350-6TK00-0BA0	product page	View 6SL3350-6TK00-0BA0 page
6SL3351-1AE37-5BA1	product page	View 6SL3351-1AE37-5BA1 page

ENGINEERING BOUNDARY

Confirm 6SE7090-0XX84-3EH0, SIMOVERT MASTERDRIVES T300 technology system 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 T300 technology system planned maintenance

Restores the documented SE300 terminal module for the T300 technology board during a controlled cabinet service.

Drive-system refurbishment

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

SIMOVERT MASTERDRIVES SE300 Terminal Module replacement

Uses the exact 6SE7090-0XX84-3EH0 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 6SE7090-0XX84-3EH0 marking and the installed SIMOVERT MASTERDRIVES T300 technology system 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 6SE7090-0XX84-3EH0 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 6SE7090-0XX84-3EH0, SIMOVERT MASTERDRIVES T300 technology system 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	6SE7090-0XX84-3EH0
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 6SE7090-0XX84-3EH0 identified?

Match the complete article number, SIMOVERT MASTERDRIVES SE300 Terminal Module designation and SE300 terminal module.

Q3 What records are retained before removing 6SE7090-0XX84-3EH0?

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

Q5 Which official values govern 6SE7090-0XX84-3EH0?

Module type: SE300 terminal module; Matched technology board: T300; Article number: 6SE7090-0XX84-3EH0.

Q7 Which diagnostics follow 6SE7090-0XX84-3EH0 energization?

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

Q2 Which host is required for 6SE7090-0XX84-3EH0?

Use only the documented SIMOVERT MASTERDRIVES T300 technology system execution with matching interfaces.

Q4 How is 6SE7090-0XX84-3EH0 isolated safely?

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

Q6 How is 6SE7090-0XX84-3EH0 configuration restored?

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

Q8 What releases 6SE7090-0XX84-3EH0 to service?

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

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