

INDUSTRIAL AUTOMATION PRODUCT

6SE7090-0XX84-3EH0

SIMOVERT MASTERDRIVES SE300 Terminal Module

Siemens 6SE7090-0XX84-3EH0 is the documented SIMOVERT MASTERDRIVES SE300 Terminal Module for the SIMOVERT MASTERDRIVES T300 technology system.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES T300 technology system
Part number	6SE7090-0XX84-3EH0
Product role	Exact article identity: 6SE7090-0XX84-3EH0
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 6SE7090-0XX84-3EH0 only in the documented SIMOVERT MASTERDRIVES T300 technology system position.

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6SE7090-0XX84-3EH0

Technical Specifications

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

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

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SIMOVERT MASTERDRIVES T300 technology system
Primary system role	Exact article identity: 6SE7090-0XX84-3EH0
Connection boundary	Install 6SE7090-0XX84-3EH0 only in the documented SIMOVERT MASTERDRIVES T300 technology system position.
Controlled acceptance duty	SIMOVERT MASTERDRIVES T300 technology system planned maintenance

ENGINEERING BOUNDARY

Confirm 6SE7090-0XX84-3EH0, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	6SE7090-0XX84-3EH0
Installed host	SIMOVERT MASTERDRIVES T300 technology system
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Siemens 6SE7090-0XX84-3EH0 is the documented SIMOVERT MASTERDRIVES SE300 Terminal Module for the SIMOVERT MASTERDRIVES T300 technology system.

FUNCTION 1
Exact article identity: 6SE7090-0XX84-3EH0

FUNCTION 2
Documented component: SIMOVERT MASTERDRIVES SE300 Terminal Module

FUNCTION 3
Installed family: SIMOVERT MASTERDRIVES T300 technology system

FUNCTION 4
Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SIMOVERT MASTERDRIVES T300 technology system
2	T300
3	SIMOVERT MASTERDRIVES T300 technology system planned maintenance
4	Install 6SE7090-0XX84-3EH0 only in the documented SIMOVERT MASTERDRIVES T300 technology system position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES T300 technology system
Interface role	Exact article identity: 6SE7090-0XX84-3EH0
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7090-0XX84-3EH0.
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 6SE7090-0XX84-3EH0 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 T300 Operating Instructions
Siemens T300 / SE300 option-board documentation

Applications and Engineering Context

SIMOVERT MASTERDRIVES T300 technology system planned maintenance

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

SIMOVERT MASTERDRIVES SE300 Terminal Module replacement

Uses the exact 6SE7090-0XX84-3EH0 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 6SE7090-0XX84-3EH0 only in the documented SIMOVERT MASTERDRIVES T300 technology system position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6SE7090-0XX84-3EH0 recorded
Host / carrier	SIMOVERT MASTERDRIVES T300 technology system
Physical interface	Exact article identity: 6SE7090-0XX84-3EH0
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 6SE7090-0XX84-3EH0, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6SE7090-0XX84-3EH0
Approved role	SIMOVERT MASTERDRIVES T300 technology system 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 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
6SL3352-1AE37-5BA1	product page	View 6SL3352-1AE37-5BA1 page
6SE7090-0XX84-3DB1	product page	View 6SE7090-0XX84-3DB1 page

MANUFACTURER SOURCE RECORD

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