

6SE7090-0XX85-1DA0

SIMOVERT MASTERDRIVES CUR Control Module

Siemens 6SE7090-0XX85-1DA0 is a SIMOVERT MASTERDRIVES CUR Control Module for the SIMOVERT MASTERDRIVES. It performs the documented CUR control module for infeed and infeed/regenerative-feedback units within the matched drive configuration.

BRAND	Siemens	FAMILY	SIMOVERT MASTERDRIVES
PART	6SE7090-0XX85-1DA0	SYSTEM ROLE	Provides the documented CUR control module for infeed and infeed/regenerative-feedback units

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6SE7090-0XX85-1DA0

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Record
6SE7090-0XX85-1DA0

Product Overview

SYSTEM FUNCTION

Siemens 6SE7090-0XX85-1DA0 is a SIMOVERT MASTERDRIVES CUR Control Module for the SIMOVERT MASTERDRIVES. It performs the documented CUR control module for infeed and infeed/regenerative-feedback units within the matched drive configuration.

FUNCTION 1

Provides the documented CUR control module for infeed and infeed/regenerative-feedback units

FUNCTION 2

Uses exact article identity 6SE7090-0XX85-1DA0 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 CUR control module for infeed and infeed/regenerative-feedback units
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7090-0XX85-1DA0. 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 6SE7090-0XX85-1DA0 only in the documented SIMOVERT MASTERDRIVES position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected CUR control module for infeed and infeed/regenerative-feedback units under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	CUR control module	Associated software	6SW1701-0DA14
Installed duty	Infeed and infeed/regenerative feedback	Software carrier	T434E

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SE7037-0EJ84-1JC2	product page	View 6SE7037-0EJ84-1JC2 page
6SE7036-1EE85-1HA0	product page	View 6SE7036-1EE85-1HA0 page
6SE7090-0XX84-1CE0	product page	View 6SE7090-0XX84-1CE0 page
6SE7031-7HG84-1JC2	product page	View 6SE7031-7HG84-1JC2 page
6SE7031-7HG84-1JC1	product page	View 6SE7031-7HG84-1JC1 page
6SL3300-1AH32-5BA0	product page	View 6SL3300-1AH32-5BA0 page
6SE7041-8GK85-0LA0	product page	View 6SE7041-8GK85-0LA0 page
6SE7041-8EK85-1MA0	product page	View 6SE7041-8EK85-1MA0 page

ENGINEERING BOUNDARY

Confirm 6SE7090-0XX85-1DA0, 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 CUR control module for infeed and infeed/regenerative-feedback units during a controlled cabinet service.

SIMOVERT MASTERDRIVES CUR Control Module replacement

Uses the exact 6SE7090-0XX85-1DA0 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 6SE7090-0XX85-1DA0 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 6SE7090-0XX85-1DA0 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 6SE7090-0XX85-1DA0, 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	6SE7090-0XX85-1DA0
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 6SE7090-0XX85-1DA0 identified?

Match the complete article number, SIMOVERT MASTERDRIVES CUR Control Module designation and CUR control module.

Q3 What records are retained before removing 6SE7090-0XX85-1DA0?

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

Q5 Which official values govern 6SE7090-0XX85-1DA0?

Module type: CUR control module; Installed duty: Infeed and infeed/regenerative feedback; Associated software: 6SW1701-0DA14; Software carrier: T434E.

Q7 Which diagnostics follow 6SE7090-0XX85-1DA0 energization?

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

Q2 Which host is required for 6SE7090-0XX85-1DA0?

Use only the documented SIMOVERT MASTERDRIVES execution with matching interfaces.

Q4 How is 6SE7090-0XX85-1DA0 isolated safely?

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

Q6 How is 6SE7090-0XX85-1DA0 configuration restored?

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

Q8 What releases 6SE7090-0XX85-1DA0 to service?

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

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