

6SL3120-2TE13-0AD0

SINAMICS S120 Double Motor Module

Siemens 6SL3120-2TE13-0AD0 is a SINAMICS S120 Double Motor Module for the SINAMICS S120 Booksize drive system. It performs the documented double motor module for two independently controlled motor axes within the matched drive configuration.

BRAND	Siemens	FAMILY	SINAMICS S120 Booksize drive system
PART	6SL3120-2TE13-0AD0	SYSTEM ROLE	Provides the documented double motor module for two independently controlled motor axes

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6SL3120-2TE13-0AD0

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Datasheet
6SL3120-2TE13-0AD0

Product Overview

SYSTEM FUNCTION

Siemens 6SL3120-2TE13-0AD0 is a SINAMICS S120 Double Motor Module for the SINAMICS S120 Booksize drive system. It performs the documented double motor module for two independently controlled motor axes within the matched drive configuration.

FUNCTION 1

Provides the documented double motor module for two independently controlled motor axes

FUNCTION 2

Uses exact article identity 6SL3120-2TE13-0AD0 for replacement control

FUNCTION 3

Integrates with the matched SINAMICS S120 Booksize drive system hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SINAMICS S120 Booksize drive system
Primary interface	Provides the documented double motor module for two independently controlled motor axes
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SL3120-2TE13-0AD0. 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 6SL3120-2TE13-0AD0 only in the documented SINAMICS S120 Booksize drive system position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected double motor module for two independently controlled motor axes under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	Double Motor Module	Construction	Booksize
Output current	3 A / 3 A	Degree of protection	IP20 / UL open type

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SE7041-8EK85-0LA0	product page	View 6SE7041-8EK85-0LA0 page
6SE7035-1EJ84-1JC2	product page	View 6SE7035-1EJ84-1JC2 page
6RY1803-0CM20	product page	View 6RY1803-0CM20 page
C98043-A7107-L4	product page	View C98043-A7107-L4 page
6RY1803-0DB02	product page	View 6RY1803-0DB02 page
6SL3200-0SP06-0AA0	product page	View 6SL3200-0SP06-0AA0 page
6SL3985-6TM00-0AA0	product page	View 6SL3985-6TM00-0AA0 page
6SL3120-2TE21-8AD0	product page	View 6SL3120-2TE21-8AD0 page

ENGINEERING BOUNDARY

Confirm 6SL3120-2TE13-0AD0, SINAMICS S120 Booksize drive 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

SINAMICS S120 Booksize drive system planned maintenance

Restores the documented double motor module for two independently controlled motor axes during a controlled cabinet service.

SINAMICS S120 Double Motor Module replacement

Uses the exact 6SL3120-2TE13-0AD0 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 6SL3120-2TE13-0AD0 marking and the installed SINAMICS S120 Booksize drive 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 6SL3120-2TE13-0AD0 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 6SL3120-2TE13-0AD0, SINAMICS S120 Booksize drive 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	6SL3120-2TE13-0AD0
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 6SL3120-2TE13-0AD0 identified?

Match the complete article number, SINAMICS S120 Double Motor Module designation and Double Motor Module.

Q3 What records are retained before removing 6SL3120-2TE13-0AD0?

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

Q5 Which official values govern 6SL3120-2TE13-0AD0?

Module type: Double Motor Module; Output current: 3 A / 3 A; Construction: Booksize; Degree of protection: IP20 / UL open type.

Q7 Which diagnostics follow 6SL3120-2TE13-0AD0 energization?

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

Q2 Which host is required for 6SL3120-2TE13-0AD0?

Use only the documented SINAMICS S120 Booksize drive system execution with matching interfaces.

Q4 How is 6SL3120-2TE13-0AD0 isolated safely?

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

Q6 How is 6SL3120-2TE13-0AD0 configuration restored?

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

Q8 What releases 6SL3120-2TE13-0AD0 to service?

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

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