

6SL3120-2TE21-8AC0

SINAMICS S120 Double Motor Module

Siemens 6SL3120-2TE21-8AC0 is a SINAMICS S120 booksize double Motor Module. It converts the documented DC link into two controlled 18 A motor outputs.

BRAND	Siemens	FAMILY	Siemens SINAMICS or SIMOVERT drive power-electronics system
PART	6SL3120-2TE21-8AC0	SYSTEM ROLE	Provides the documented double motor module, booksize c function

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6SL3120-2TE21-8AC0

MANUFACTURER SOURCE RECORD

Siemens product record for 6SL3120-2TE21-8AC0
Siemens SiePortal / Industry Mall product record and applicable drive equipment manual

Product Overview

SYSTEM FUNCTION

Siemens 6SL3120-2TE21-8AC0 is a SINAMICS S120 booksize double Motor Module. It converts the documented DC link into two controlled 18 A motor outputs.

FUNCTION 1

Provides the documented double motor module, booksize c function

FUNCTION 2

Keeps 6SL3120-2TE21-8AC0 as the controlled identity

FUNCTION 3

Matches the approved drive hardware position

FUNCTION 4

Supports controlled diagnostic verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Siemens SINAMICS or SIMOVERT drive power-electronics system
Primary interface	Provides the documented double motor module, booksize c function
Engineering context	Use the module only in the documented SINAMICS S120 booksize station with the matched DC link, Control Unit, motors, cooling and DRIVE-CLiQ topology.
Commissioning duty	Complete controlled interlock, output and machine-function tests before returning the drive to service.

TECHNICAL NOTE

Record the S120 topology, DRIVE-CLiQ links, motor connections and safety configuration before removal. Restore the exact module position and complete controlled diagnostics and axis tests.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Article number	6SL3120-2TE21-8AC0	Rated output current	18 A / 18 A
Module type	Double Motor Module, booksize C	Cooling	Internal air cooling
DC input	600 V DC	Safety	Extended Safety Integrated
AC output	400 V 3 AC	Included cable	DRIVE-CLiQ cable

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3362-0AG00-0AA1	SINAMICS component	View 6SL3362-0AG00-0AA1 page
6SL3055-0AA00-5CA2	SMC30 Sensor Module	View 6SL3055-0AA00-5CA2 page
6SL3120-1TE21-8AA4	Single Motor Module	View 6SL3120-1TE21-8AA4 page
6SL3120-1TE21-8AA3	Single Motor Module	View 6SL3120-1TE21-8AA3 page
6SL3100-0BE23-6AB0	Active Interface Module	View 6SL3100-0BE23-6AB0 page
6SL3246-0BA22-1FA0	CU250S-2 PN Control Unit	View 6SL3246-0BA22-1FA0 page
6SL3120-2TE21-0AA4	Motor Module	View 6SL3120-2TE21-0AA4 page
6SL3320-1TE33-1AA3	Motor Module	View 6SL3320-1TE33-1AA3 page

ENGINEERING BOUNDARY

Confirm 6SL3120-2TE21-8AC0, the complete Siemens drive type, hardware revision, double motor module, booksize c position, connectors and terminals, DC-link isolation, cooling, protective grounding, firmware, parameter set and controlled interlock and functional-test results before commissioning.

Applications and Precautions

Common Applications

6SL3120-2TE21-8AC0 installed-system service

Restores the documented double motor module, booksize c position without changing the approved Siemens SINAMICS or SIMOVERT drive power-electronics system architecture.

6SL3120-2TE21-8AC0 controlled replacement

Uses exact identity and hardware records to prevent a neighboring execution from entering the installation.

6SL3120-2TE21-8AC0 cabinet refurbishment

Preserves the recorded connector, terminal and protective-ground arrangement during planned maintenance.

6SL3120-2TE21-8AC0 recommissioning

Provides the product-specific reference for diagnostic review and functional acceptance before release.

Product Precautions

- 1

Confirm the complete 6SL3120-2TE21-8AC0 marking and installed drive record before work.
- 2

Place the drive, motor and associated process in the approved maintenance state.
- 3

Isolate incoming power and prove the DC link and all stored energy discharged.
- 4

Record every connector, terminal, busbar, cable and protective-earth position before removal.
- 5

Use ESD controls and protect all board and module interfaces from contamination or mechanical load.
- 6

Install only the documented double motor module, booksize c execution and restore the recorded hardware arrangement.
- 7

Restore the approved firmware, parameters and project configuration, then review all drive diagnostics.
- 8

Complete controlled interlock, output and machine-function tests before returning the drive to service.

IMPORTANT NOTICE

Confirm 6SL3120-2TE21-8AC0, the complete Siemens drive type, hardware revision, double motor module, booksize c position, connectors and terminals, DC-link isolation, cooling, protective grounding, firmware, parameter set and controlled interlock and functional-test results before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	6SL3120-2TE21-8AC0
Configuration	Restore the approved firmware, parameters and project configuration, then review all drive diagnostics.
Functional release	Complete controlled interlock, output and machine-function tests before returning the drive to service.

Engineer FAQ

Q1 Which official identity detail distinguishes 6SL3120-2TE21-8AC0 during receiving inspection?

For 6SL3120-2TE21-8AC0, the official source identifies article number as 6SL3120-2TE21-8AC0. Confirm the same value in the installed record before work.

Q3 How does the published dc input affect selection of 6SL3120-2TE21-8AC0?

For 6SL3120-2TE21-8AC0, the official source identifies dc input as 600 V DC. Confirm the same value in the installed record before work.

Q5 Where does 6SL3120-2TE21-8AC0 fit in the approved installed system arrangement?

For 6SL3120-2TE21-8AC0, the official source identifies installed system as Siemens SINAMICS or SIMOVERT drive power-electronics system. Confirm the same value in the installed record before work.

Q7 Which diagnostic sequence should follow controlled energization of 6SL3120-2TE21-8AC0?

Restore the approved firmware, parameters and project configuration, then review all drive diagnostics.

Q2 What documented module type must be matched before 6SL3120-2TE21-8AC0 is installed?

For 6SL3120-2TE21-8AC0, the official source identifies module type as Double Motor Module, booksize C. Confirm the same value in the installed record before work.

Q4 Which ac output condition must remain unchanged when replacing 6SL3120-2TE21-8AC0?

For 6SL3120-2TE21-8AC0, the official source identifies ac output as 400 V 3 AC. Confirm the same value in the installed record before work.

Q6 What connection evidence should be retained before disconnecting 6SL3120-2TE21-8AC0?

Record every connector, terminal, busbar, cable and protective-earth position before removal. Use ESD controls and protect all board and module interfaces from contamination or mechanical load.

Q8 What functional result is required before 6SL3120-2TE21-8AC0 returns to service?

Complete controlled interlock, output and machine-function tests before returning the drive to service.

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