

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	Siemens SINAMICS or SIMOVERT drive power-electronics system
Part number	6SL3120-2TE21-8AC0
Product role	Provides the documented double motor module, booksize c function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Record the S120 topology, DRIVE-CLiQ links, motor connections and safety configuration before removal.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



6SL3120-2TE21-8AC0

Technical Specifications

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

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

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Siemens SINAMICS or SIMOVERT drive power-electronics system
Primary system role	Provides the documented double motor module, booksize c function
Connection boundary	Record the S120 topology, DRIVE-CLiQ links, motor connections and safety configuration before removal.
Controlled acceptance duty	6SL3120-2TE21-8AC0 installed-system service

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.

Pre-Installation Checks

- 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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	6SL3120-2TE21-8AC0
Installed host	Siemens SINAMICS or SIMOVERT drive power-electronics system
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Siemens SINAMICS or SIMOVERT drive power-electronics system
2	Double Motor Module, booksize C
3	6SL3120-2TE21-8AC0 installed-system service
4	Record the S120 topology, DRIVE-CLiQ links, motor connections and safety configuration before removal.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Siemens SINAMICS or SIMOVERT drive power-electronics system
Interface role	Provides the documented double motor module, booksize c function
Field / power 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 evidence	Complete controlled interlock, output and machine-function tests before returning the drive to service.

Installation and Connection Checks

1

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

2

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

3

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

4

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

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

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 cabinet refurbishment

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

6SL3120-2TE21-8AC0 controlled replacement

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

6SL3120-2TE21-8AC0 recommissioning

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

TECHNICAL NOTE

Record the S120 topology, DRIVE-CLiQ links, motor connections and safety configuration before removal.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6SL3120-2TE21-8AC0 recorded
Host / carrier	Siemens SINAMICS or SIMOVERT drive power-electronics system
Physical interface	Provides the documented double motor module, booksize c function
Configuration	Restore the approved firmware, parameters and project configuration, then review all drive diagnostics.
Functional proof	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.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6SL3120-2TE21-8AC0
Approved role	6SL3120-2TE21-8AC0 installed-system service
Final validation	Complete controlled interlock, output and machine-function tests before returning the drive to service.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3120-2TE21-0AA4	Motor Module	View 6SL3120-2TE21-0AA4 page
6SL3320-1TE33-1AA3	Motor Module	View 6SL3320-1TE33-1AA3 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

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



6SL3120-2TE21-8AC0