

INDUSTRIAL AUTOMATION PRODUCT

6SL3350-6TK00-0BA0

SINAMICS Control Interface Module for Liquid-Cooled Devices

Siemens 6SL3350-6TK00-0BA0 is a SINAMICS Control Interface Module (CIM DAC, LC) for liquid-cooled devices. It concentrates the documented integrated-safety interface functions within compatible chassis and cabinet motor-module power hardware.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SINAMICS S120 liquid-cooled chassis and cabinet power units
Part number	6SL3350-6TK00-0BA0
Country	Germany
HS code	85049090

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Technical Specifications

Technical values below are limited to the named Siemens product record.

PARAMETER	TECHNICAL VALUE
Component type	Control Interface Module (CIM)
CIM designation	CIM DAC, LC
Cooling context	Liquid-cooled devices
Listed hardware versions	B, C, AH
Safety scope	Chassis/cabinet motor modules
Export classification	AL:N / ECCN:EAR99
Quantity unit	1 piece

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	compatible liquid-cooled SINAMICS power unit
Companion hardware	documented CIM seat and internal connectors
Field connection	associated Control Unit and DRIVE-CLiQ arrangement
Primary system function	Provides the control-interface function inside the specified liquid-cooled SINAMICS power unit
Controlled acceptance duty	Liquid-cooled power-unit interface service

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System Role and Architecture

Siemens 6SL3350-6TK00-0BA0 is a SINAMICS Control Interface Module (CIM DAC, LC) for liquid-cooled devices. It concentrates the documented integrated-safety interface functions within compatible chassis and cabinet motor-module power hardware.

FUNCTION 1

Provides the control-interface function inside the specified liquid-cooled SINAMICS power unit

FUNCTION 2

Carries the CIM safety-function implementation identified for chassis and cabinet motor modules

FUNCTION 3

Uses the Siemens CIM DAC, LC execution for the listed hardware versions

FUNCTION 4

Forms the electronic interface between the installed power hardware and its associated control connections

Matched system components

- compatible liquid-cooled SINAMICS power unit
- documented CIM seat and internal connectors
- associated Control Unit and DRIVE-CLiQ arrangement
- approved safety and temperature-monitoring circuits

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	compatible liquid-cooled SINAMICS power unit
Companion hardware	documented CIM seat and internal connectors
Field connection	associated Control Unit and DRIVE-CLiQ arrangement
Primary system function	Provides the control-interface function inside the specified liquid-cooled SINAMICS power unit
Controlled acceptance duty	Liquid-cooled power-unit interface service

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Applications and Engineering Context

Liquid-cooled power-unit interface service

Provides the control-interface function inside the specified liquid-cooled SINAMICS power unit

Chassis motor-module safety restoration

Carries the CIM safety-function implementation identified for chassis and cabinet motor modules

Cabinet drive control-interface replacement

Uses the Siemens CIM DAC, LC execution for the listed hardware versions

Safety-function recommissioning

Forms the electronic interface between the installed power hardware and its associated control connections

TECHNICAL NOTE

Record the installed 6SL3350-6TK00-0BA0 hardware version before replacement and isolate all drive energy. Reconnect the CIM seat, control interfaces, safety circuits and liquid-cooled power-unit hardware only to the documented arrangement, then perform the approved safety acceptance test.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6SL3350-6TK00-0BA0 / 6SL3350-6TK00-0BA0 recorded
Physical interface	compatible liquid-cooled SINAMICS power unit
Companion check	documented CIM seat and internal connectors
Functional proof	Provides the control-interface function inside the specified liquid-cooled SINAMICS power unit
Application test	Liquid-cooled power-unit interface service

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Engineering Precautions

- 1 Verify 6SL3350-6TK00-0BA0 and hardware version B, C or AH before disturbing the CIM seat.
- 2 Isolate mains, DC-link and auxiliary supplies and prove the drive power unit safe before access.
- 3 Record internal connector orientation, safety-circuit assignment and control-link routing before removal.
- 4 Use ESD controls and handle the CIM only by approved edges and mechanical supports.
- 5 Inspect the liquid-cooled power-unit connector interfaces and mounting points before insertion.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6EP1434-2BA20	SITOP PSU300S stabilized power supply	View 6EP1434-2BA20 page
6ES7432-1HF00-0AB0	SIMATIC S7-400 analog output module	View 6ES7432-1HF00-0AB0 page
6ES7414-3EM07-0AB0	SIMATIC S7-400 CPU	View 6ES7414-3EM07-0AB0 page
6GK1561-2AA00	SIMATIC PROFIBUS communications processor	View 6GK1561-2AA00 page
6ES7590-1AB60-0AA0	SIMATIC S7-1500 mounting rail	View 6ES7590-1AB60-0AA0 page
6AV2124-0QC02-0AX1	SIMATIC HMI TP1500 Comfort panel	View 6AV2124-0QC02-0AX1 page
6ES7954-8LC04-0AA0	SIMATIC 4 MB memory card	View 6ES7954-8LC04-0AA0 page
6EP3334-8SB00-0AY0	SITOP PSU8200 regulated power supply	View 6EP3334-8SB00-0AY0 page

MANUFACTURER SOURCE RECORD

Siemens Industry Mall product record and Safety Manufacturer's Declaration No. 6

6SL3350-6TK00-0BA0 / 668.DCO.BG.2207.40.001 / section 6.2.4

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