

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.

PRODUCT SNAPSHOT

BRAND

Siemens

FAMILY

SINAMICS S120 liquid-cooled chassis and ca

PART

6SL3350-6TK00-0BA0

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PRODUCT OVERVIEW

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.

1

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

2

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

3

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

4

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

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

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.

TECHNICAL DATA

PARAMETER	VALUE
Component type	Control Interface Module (CIM)
CIM designation	CIM DAC, LC
Cooling context	Liquid-cooled devices
Listed hardware versions	B, C, AH

PARAMETER	VALUE
Safety scope	Chassis/cabinet motor modules
Export classification	AL:N / ECCN:EAR99
Quantity unit	1 piece

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER 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
6ES7153-2AA02-0XB0	SIMATIC ET 200M interface module	View 6ES7153-2AA02-0XB0 page
6ED1052-1MD00-0BA5	LOGO! modular logic module	View 6ED1052-1MD00-0BA5 page
6ES7332-5HD01-0AB0	SIMATIC S7-300 analog output module	View 6ES7332-5HD01-0AB0 page
6EP1333-4BA00	SIMATIC PM 1507 load power supply	View 6EP1333-4BA00 page
6SL3352-1AE37-5BA1	SINAMICS V/W-phase replacement power block	View 6SL3352-1AE37-5BA1 page
6SL3351-1AE37-5BA1	SINAMICS rectifier/U-phase replacement power block	View 6SL3351-1AE37-5BA1 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.
- 6 Restore the documented Control Unit, DRIVE-CLiQ and safety-circuit configuration before start-up.
- 7 Run the Siemens-approved safety acceptance sequence after hardware or wiring changes.
- 8 Confirm normal drive diagnostics and the intended protected response before returning to service.

ENGINEER FAQ

Q1 What type of module is 6SL3350-6TK00-0BA0?

It is the Siemens CIM DAC, LC control interface module for liquid-cooled SINAMICS devices.

Q2 Which hardware versions are listed for 6SL3350-6TK00-0BA0?

The Siemens safety declaration lists hardware versions B, C and AH for this spare-part execution.

Q3 Where is the safety functionality associated with 6SL3350-6TK00-0BA0 implemented?

For the covered chassis and cabinet motor modules, the declaration states that the integrated safety functionality is concentrated within the CIM.

Q4 What must be isolated before removing 6SL3350-6TK00-0BA0?

Isolate the complete drive power path, DC link and auxiliary supplies and prove the power unit safe before opening it.

Q5 Which connections should be recorded before exchanging 6SL3350-6TK00-0BA0?

Record CIM connector orientation, safety-circuit assignment, internal control links and the installed hardware revision.

Q6 How should 6SL3350-6TK00-0BA0 be handled during installation?

Use ESD controls, protect the internal connectors and support the board without loading electronic components.

Q7 What configuration must be restored after fitting 6SL3350-6TK00-0BA0?

Restore the documented Control Unit, DRIVE-CLiQ, safety and temperature-monitoring arrangement for the installed power unit.

Q8 Which commissioning evidence is required for 6SL3350-6TK00-0BA0?

Retain the exact identity and hardware version, completed safety acceptance test, drive diagnostics and controlled functional result.

SOURCE 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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