

6SL3351-6GE32-1AA1

MICROMASTER 440 Control Interface Board

Siemens 6SL3351-6GE32-1AA1 is a MICROMASTER 440 Control Interface Board for the MICROMASTER 440 frame-size FX drive. It performs the documented replacement control-interface board for the documented MICROMASTER 440 power section within the matched drive configuration.

BRAND	Siemens	FAMILY	MICROMASTER 440 frame-size FX drive
PART	6SL3351-6GE32-1AA1	SYSTEM ROLE	Provides the documented replacement control-interface board for the documented MICROMASTER 440 power section

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6SL3351-6GE32-1AA1

MANUFACTURER SOURCE RECORD

MICROMASTER 440 FX/GX Maintenance Instructions
Siemens 6SE6400-5AF00-0BP0

Product Overview

SYSTEM FUNCTION

Siemens 6SL3351-6GE32-1AA1 is a MICROMASTER 440 Control Interface Board for the MICROMASTER 440 frame-size FX drive. It performs the documented replacement control-interface board for the documented MICROMASTER 440 power section within the matched drive configuration.

FUNCTION 1

Provides the documented replacement control-interface board for the documented MICROMASTER 440 power section

FUNCTION 2

Uses exact article identity 6SL3351-6GE32-1AA1 for replacement control

FUNCTION 3

Integrates with the matched MICROMASTER 440 frame-size FX drive hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	MICROMASTER 440 frame-size FX drive
Primary interface	Provides the documented replacement control-interface board for the documented MICROMASTER 440 power section
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SL3351-6GE32-1AA1. 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 6SL3351-6GE32-1AA1 only in the documented MICROMASTER 440 frame-size FX drive position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected replacement control-interface board for the documented MICROMASTER 440 power section under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	Control Interface Board	Rated current class	210 A
Drive family	MICROMASTER 440	Supply class	3 AC 380 to 480 V, 50/60 Hz
Frame size	FX		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3352-1AE37-5BA1	product page	View 6SL3352-1AE37-5BA1 page
6SE7090-0XX84-3DB1	product page	View 6SE7090-0XX84-3DB1 page
6SE7041-8EK85-1HA0	product page	View 6SE7041-8EK85-1HA0 page
6SE7041-8EK85-0HA0	product page	View 6SE7041-8EK85-0HA0 page
6SE7041-8GK85-0HA0	product page	View 6SE7041-8GK85-0HA0 page
6RA8075-6DS22-0AA0	product page	View 6RA8075-6DS22-0AA0 page
6SL3350-6TK00-0BA0	product page	View 6SL3350-6TK00-0BA0 page
6SL3351-1AE37-5BA1	product page	View 6SL3351-1AE37-5BA1 page

ENGINEERING BOUNDARY

Confirm 6SL3351-6GE32-1AA1, MICROMASTER 440 frame-size FX drive 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

MICROMASTER 440 frame-size FX drive planned maintenance

Restores the documented replacement control-interface board for the documented MICROMASTER 440 power section during a controlled cabinet service.

MICROMASTER 440 Control Interface Board replacement

Uses the exact 6SL3351-6GE32-1AA1 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 6SL3351-6GE32-1AA1 marking and the installed MICROMASTER 440 frame-size FX drive 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 6SL3351-6GE32-1AA1 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 6SL3351-6GE32-1AA1, MICROMASTER 440 frame-size FX drive 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	6SL3351-6GE32-1AA1
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 6SL3351-6GE32-1AA1 identified?

Match the complete article number, MICROMASTER 440 Control Interface Board designation and Control Interface Board.

Q3 What records are retained before removing 6SL3351-6GE32-1AA1?

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

Q5 Which official values govern 6SL3351-6GE32-1AA1?

Module type: Control Interface Board; Drive family: MICROMASTER 440; Frame size: FX; Rated current class: 210 A.

Q7 Which diagnostics follow 6SL3351-6GE32-1AA1 energization?

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

Q2 Which host is required for 6SL3351-6GE32-1AA1?

Use only the documented MICROMASTER 440 frame-size FX drive execution with matching interfaces.

Q4 How is 6SL3351-6GE32-1AA1 isolated safely?

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

Q6 How is 6SL3351-6GE32-1AA1 configuration restored?

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

Q8 What releases 6SL3351-6GE32-1AA1 to service?

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

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