

6SL3351-6FE32-6AA1

MICROMASTER 430 Control Interface Board

Siemens 6SL3351-6FE32-6AA1 is a MICROMASTER 430 Control Interface Board for the MICROMASTER 430 frame-size FX drive. It performs the documented replacement control-interface board for the documented MICROMASTER 430 power section within the matched drive configuration.

BRAND	Siemens	FAMILY	MICROMASTER 430 frame-size FX drive
PART	6SL3351-6FE32-6AA1	SYSTEM ROLE	Provides the documented replacement control-interface board for the documented MICROMASTER 430 power section

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6SL3351-6FE32-6AA1

MANUFACTURER SOURCE RECORD

MICROMASTER 430 FX/GX Maintenance Instructions
Siemens maintenance instructions

Product Overview

SYSTEM FUNCTION

Siemens 6SL3351-6FE32-6AA1 is a MICROMASTER 430 Control Interface Board for the MICROMASTER 430 frame-size FX drive. It performs the documented replacement control-interface board for the documented MICROMASTER 430 power section within the matched drive configuration.

FUNCTION 1

Provides the documented replacement control-interface board for the documented MICROMASTER 430 power section

FUNCTION 2

Uses exact article identity 6SL3351-6FE32-6AA1 for replacement control

FUNCTION 3

Integrates with the matched MICROMASTER 430 frame-size FX drive hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	MICROMASTER 430 frame-size FX drive
Primary interface	Provides the documented replacement control-interface board for the documented MICROMASTER 430 power section
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SL3351-6FE32-6AA1. 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 6SL3351-6FE32-6AA1 only in the documented MICROMASTER 430 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 430 power section under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Module type	Control Interface Board	Rated current class	260 A
Drive family	MICROMASTER 430	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
A5E36228241	product page	View A5E36228241 page
A5E00282044	product page	View A5E00282044 page
A5E00296878	product page	View A5E00296878 page
A5E34612879	product page	View A5E34612879 page
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A5E00755411	product page	View A5E00755411 page
A5E00297628	product page	View A5E00297628 page
A5E03915589	product page	View A5E03915589 page

ENGINEERING BOUNDARY

Confirm 6SL3351-6FE32-6AA1, MICROMASTER 430 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 430 frame-size FX drive planned maintenance

Restores the documented replacement control-interface board for the documented MICROMASTER 430 power section during a controlled cabinet service.

MICROMASTER 430 Control Interface Board replacement

Uses the exact 6SL3351-6FE32-6AA1 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 6SL3351-6FE32-6AA1 marking and the installed MICROMASTER 430 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 6SL3351-6FE32-6AA1 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 6SL3351-6FE32-6AA1, MICROMASTER 430 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	6SL3351-6FE32-6AA1
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 6SL3351-6FE32-6AA1 identified?

Match the complete article number, MICROMASTER 430 Control Interface Board designation and Control Interface Board.

Q3 What records are retained before removing 6SL3351-6FE32-6AA1?

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

Q5 Which official values govern 6SL3351-6FE32-6AA1?

Module type: Control Interface Board; Drive family: MICROMASTER 430; Frame size: FX; Rated current class: 260 A.

Q7 Which diagnostics follow 6SL3351-6FE32-6AA1 energization?

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

Q2 Which host is required for 6SL3351-6FE32-6AA1?

Use only the documented MICROMASTER 430 frame-size FX drive execution with matching interfaces.

Q4 How is 6SL3351-6FE32-6AA1 isolated safely?

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

Q6 How is 6SL3351-6FE32-6AA1 configuration restored?

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

Q8 What releases 6SL3351-6FE32-6AA1 to service?

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

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