APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

6SL3351-6GE32-6AA1

MICROMASTER 440 Control Interface Board

Siemens 6SL3351-6GE32-6AA1 is the documented MICROMASTER 440 Control Interface Board for the MICROMASTER 440 frame-size FX drive.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	MICROMASTER 440 frame-size FX drive
Part number	6SL3351-6GE32-6AA1
Product role	Exact article identity: 6SL3351-6GE32-6AA1
Lifecycle	Installed product record

DOCUMENT SCOPE

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

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SL3351-6GE32-6AA1 only in the documented MICROMASTER 440 frame-size FX drive position.

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6SL3351-6GE32-6AA1

PRODUCT TECHNICAL REFERENCE

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Module type	Control Interface Board	Frame size	FX
Drive family	MICROMASTER 440	Rated current class	260 A

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	MICROMASTER 440 frame-size FX drive
Primary system role	Exact article identity: 6SL3351-6GE32-6AA1
Connection boundary	Install 6SL3351-6GE32-6AA1 only in the documented MICROMASTER 440 frame-size FX drive position.
Controlled acceptance duty	MICROMASTER 440 frame-size FX drive planned maintenance

ENGINEERING BOUNDARY

Confirm 6SL3351-6GE32-6AA1, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

1. Confirm the complete 6SL3351-6GE32-6AA1 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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	6SL3351-6GE32-6AA1
Installed host	MICROMASTER 440 frame-size FX drive
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

TECHNICAL IDENTITY CROSS-CHECK

Module type

Control Interface Board

Drive family

MICROMASTER 440

Frame size

FX

Rated current class

260 A

System Role and Architecture

Siemens 6SL3351-6GE32-6AA1 is the documented MICROMASTER 440 Control Interface Board for the MICROMASTER 440 frame-size FX drive.

FUNCTION 1

Exact article identity: 6SL3351-6GE32-6AA1

FUNCTION 2

Documented component: MICROMASTER 440 Control Interface Board

FUNCTION 3

Installed family: MICROMASTER 440 frame-size FX drive

FUNCTION 4

Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	MICROMASTER 440 frame-size FX drive
2	MICROMASTER 440
3	MICROMASTER 440 frame-size FX drive planned maintenance
4	Install 6SL3351-6GE32-6AA1 only in the documented MICROMASTER 440 frame-size FX drive position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	MICROMASTER 440 frame-size FX drive
Interface role	Exact article identity: 6SL3351-6GE32-6AA1
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SL3351-6GE32-6AA1.
Commissioning evidence	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Installation and Connection Checks

1. Verify the installed host hardware and all values documented for 6SL3351-6GE32-6AA1 against the official source.
2. Restore the approved hardware execution, connector arrangement and project or parameter record.
3. Energize in the prescribed sequence and review drive, board and communication diagnostics.
4. Complete a controlled no-load or safe-point functional test before returning the machine to service.

MANUFACTURER SOURCE RECORD

MICROMASTER 440 FX/GX Maintenance Instructions
Siemens maintenance instructions

Applications and Engineering Context

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 6SL3351-6GE32-6AA1 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.

TECHNICAL NOTE

Install 6SL3351-6GE32-6AA1 only in the documented MICROMASTER 440 frame-size FX drive position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6SL3351-6GE32-6AA1 recorded
Host / carrier	MICROMASTER 440 frame-size FX drive
Physical interface	Exact article identity: 6SL3351-6GE32-6AA1
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional proof	Complete a controlled no-load or safe-point functional test before returning the machine to service.

IMPORTANT NOTICE

Confirm 6SL3351-6GE32-6AA1, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6SL3351-6GE32-6AA1
Approved role	MICROMASTER 440 frame-size FX drive planned maintenance
Final validation	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineering Precautions

1. Confirm the complete 6SL3351-6GE32-6AA1 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 6SL3351-6GE32-6AA1 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3210-1PE21-1AL0	product page	View 6SL3210-1PE21-1AL0 page
6SL3210-1PE21-8AL0	product page	View 6SL3210-1PE21-8AL0 page
6SL3246-0BA22-1FA0	product page	View 6SL3246-0BA22-1FA0 page
6SL3210-1PE27-5AL0	product page	View 6SL3210-1PE27-5AL0 page
6SL3100-0BE23-6AB0	product page	View 6SL3100-0BE23-6AB0 page
6SL3210-1PE31-8UL0-944434	product page	View 6SL3210-1PE31-8UL0-944434 page
6SL3320-1TE33-1AA3	product page	View 6SL3320-1TE33-1AA3 page
A5E45508683002	product page	View A5E45508683002 page

MANUFACTURER SOURCE RECORD

MICROMASTER 440 FX/GX Maintenance Instructions
Siemens maintenance instructions

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