Siemens 6SL3352-1AE33-8AA1

Replacement Power Block

This SINAMICS spare part is a replacement power block for a three-phase Motor Module. Siemens specifies a painted-module execution with nickel-plated busbars.

Documented assembly

Motor Module - the product listing identifies the serviced assembly.

Documented component

Replacement power block - the spare-part identity remains the full article number.

Read the component and system references separately

The exact article description establishes the component identity and its stated electrical execution. The accompanying S120 Chassis Power Units manual provides system-level maintenance and service information. Identify the installed assembly and frame before choosing a frame-specific procedure.

Service-reference navigation

Exact spare-part selection	Siemens SiePortal article 6SL3352-1AE33-8AA1
Maintenance and service	GH3 Chapter 8
Power-block procedures	GH3 Section 8.4; choose the installed frame

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02 / Exact article data and selection boundaries

Product family	SINAMICS
Component	Replacement power block
Associated assembly	Motor Module
Specified DC range	510-750 V DC
Specified current	380 A
Phases	3
Module finish	Painted modules
Busbars	Nickel-plated

Electrical ratings belong to the stated execution

510-750 V DC and 380 A are the ratings named in the article description for the associated Motor Module. The article description does not establish an entire drive configuration, motor power, switching frequency, or every possible host assembly.

Important Notice: Select against the complete 6SL3352-1AE33-8AA1 identity. Similar order-code prefixes do not establish substitution or compatibility.

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Scope: manufacturer service reference

The following points summarize GH3 Section 8.4.1 for work on chassis power units. They are system-level service precautions; the full manual remains the procedural reference.

Personnel and isolation

Siemens requires trained personnel and de-energized connection work. Power and control terminals can remain live when the motor is stopped; a stopped motor is not proof of electrical isolation.

Stored-energy boundary

The manual warns that DC-link capacitors can retain dangerous voltage for up to five minutes after disconnection. Apply the manufacturer's safe isolation requirements before opening the cabinet.

Five safety rules

Disconnect; protect against reconnection; verify de-energization; ground and short-circuit; cover or enclose adjacent live components. GH3 Section 8.4.1 identifies these as the safety rules for electrical work.

Choose the installed frame

Section 8.4 separates replacement instructions by frame and component. Confirm the installed Motor Module and its frame before applying a procedure, connector list, tightening-torque table or reassembly sequence.

Connection records in the GX procedure

If the installed frame is confirmed as GX and Section 8.4.3 applies, Siemens instructs marking DRIVE-CLiQ cables so they can be reinserted correctly. During removal, avoid damage to signal cables. These instructions belong to that frame-specific procedure.

Reassembly checks in the GX procedure

GH3 Section 8.4.3 requires secure plug connections, the specified screw-connection tightening torques, and return of the labeled fiber-optic plugs to their original U11, U21 and U31 sockets. Use the full official procedure only after confirming the installed frame.

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04 / Model-specific FAQ (1-4)

1. Is Siemens 6SL3352-1AE33-8AA1 a complete Motor Module or a replacement power block?

Siemens identifies 6SL3352-1AE33-8AA1 as a SINAMICS replacement power block for a Motor Module. It should not be described as a complete drive system.

2. Which DC voltage range identifies the Motor Module associated with Siemens 6SL3352-1AE33-8AA1?

The exact Siemens article specifies 510-750 V DC. This is a DC rating; it must not be presented as an AC supply voltage.

3. What current rating is specified for the replacement execution of Siemens 6SL3352-1AE33-8AA1?

The article description specifies a 380 A Motor Module. It does not provide a motor power rating, so no kW value is inferred from that current.

4. What phase configuration must Siemens 6SL3352-1AE33-8AA1 match?

The associated Motor Module is specified as three-phase. Confirm the installed assembly against the complete article number before replacement.

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5. Which module and busbar surface finishes are specified for Siemens 6SL3352-1AE33-8AA1?

Yes. Siemens specifies painted modules and nickel-plated busbars for this exact article. Both details form part of the documented execution.

6. Does the chassis handbook establish that every service procedure applies to Siemens 6SL3352-1AE33-8AA1?

No. The SINAMICS S120 Chassis Power Units handbook is a system-level reference. Select the procedure for the actual installed Motor Module and frame; its other assembly ratings are not specifications for this power block.

7. Is a stopped motor sufficient to make service involving Siemens 6SL3352-1AE33-8AA1 safe?

No. The chassis handbook warns that power and control components can remain live even when the motor is stopped. Qualified personnel must disconnect supplies, prevent reconnection and verify de-energization before work.

8. What stored DC-link energy warning should be observed before servicing the assembly associated with Siemens 6SL3352-1AE33-8AA1?

It warns that DC-link capacitors can retain dangerous voltage for up to five minutes. Follow the prescribed discharge waiting time and verify absence of voltage; elapsed time alone is not proof that the assembly is safe.

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1. Siemens SiePortal - article 6SL3352-1AE33-8AA1; product description, accessed 12 October 2026.

2. Siemens SINAMICS S120 Chassis Power Units; GH3, 01/2013, 6SL3097-4AE00-0BP3. System-level service reference; Sections 8.3 and 8.4.

Related SINAMICS portfolio

Separate portfolio references; these links do not assert compatibility or replacement equivalence.

Siemens 6SL3055-0AA00-5CA2

View Siemens 6SL3055-0AA00-5CA2

Siemens 6SL3120-1TE21-8AA4

View Siemens 6SL3120-1TE21-8AA4

Siemens 6SL3130-6TE21-6AA4

View Siemens 6SL3130-6TE21-6AA4

Siemens 6SL3246-0BA22-1FA0

View Siemens 6SL3246-0BA22-1FA0

Siemens 6SL3362-0AG00-0AA1

View Siemens 6SL3362-0AG00-0AA1

Siemens 6SL3210-1PE31-8UL0

View Siemens 6SL3210-1PE31-8UL0

Siemens 6SL3120-1TE21-8AA3

View Siemens 6SL3120-1TE21-8AA3

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