Siemens 6SL3352-1AE33-8AA1

Replacement Power Block

Siemens 6SL3352-1AE33-8AA1 is a SINAMICS replacement power block for a three-phase Motor Module rated for 510-750 V DC and 380 A. The specified execution uses painted modules and nickel-plated busbars.

Construction

Replacement power-block construction

Assembly

Three-phase Motor Module execution

Module finish

Painted modules

Busbar finish

Nickel-plated busbars

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02 / Technical specification map

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

Technical notes

The specified Motor Module replacement is rated for 510-750 V DC and 380 A, with three phases. The exact article uses painted modules and nickel-plated busbars; nearby order codes are not interchangeable by assumption.

System position

Motor Module service

Identify the installed assembly before selecting a replacement power block.

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03 / Applications and product precautions

SINAMICS component service

Replacement power block for the documented SINAMICS Motor Module.

DC-rated Motor Module service

Select against the specified 510-750 V DC assembly.

Three-phase module replacement

Match the replacement to the specified three-phase, 380 A Motor Module.

Execution matching

Retain the painted-module and nickel-plated-busbar execution.

Important Notice: Verify the full article number and applicable Motor Module service documentation before replacement.

Manuals & Downloads: Technical Reference covers article data and service-reference boundaries. The official GH3 manual supplies the full system-level chassis service reference.

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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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05 / Model-specific FAQ (5-8)

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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06 / Precautions, sources and related portfolio

1. Confirm the complete article number, including the 8AA1 suffix.

2. Verify the associated Motor Module's specified 510-750 V DC range.

3. Check the documented 380 A Motor Module rating.

4. Confirm the three-phase Motor Module execution.

5. Match the painted modules and nickel-plated busbars to the required execution.

6. Use the applicable Siemens Motor Module service instructions for the replacement procedure.

Source ledger

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

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

Portfolio links; no compatibility or replacement equivalence is implied.

Siemens 6SL3100-0BE23-6AB0

View Siemens 6SL3100-0BE23-6AB0

Siemens 6SL3200-0SP01-0AA0

View Siemens 6SL3200-0SP01-0AA0

Siemens 6SL3120-2TE21-8AD0

View Siemens 6SL3120-2TE21-8AD0

Siemens 6SL3200-0SP06-0AA0

View Siemens 6SL3200-0SP06-0AA0

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