



# Siemens 6SL3352-1AG38-1FA1

SINAMICS Replacement Power Block

## Product scope

- Provides the SINAMICS replacement power stage for a 675-1080 V DC link.
- Carries the Siemens-documented 810 A current rating.
- Is supplied as a spare power block rather than a complete drive system.
- Requires exact frame, voltage, cooling and gate-interface matching.

## Manufacturer source

Siemens Industry Mall product record for 6SL3352-1AG38-1FA1.

The enclosed record and retained manufacturer pages identify the exact product and explain its function, operating principle, application and critical matching requirements.

| Request a fast quote                                                                                                                                              | Product reference          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------|
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SINAMICS Replacement Power Block

## Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Article number    | 6SL3352-1AG38-1FA1                                    |
| Product           | SINAMICS replacement power block                      |
| DC-link range     | 675 to 1080 V DC                                      |
| Current rating    | 810 A                                                 |
| Lifecycle         | PM300 active spare part on the Siemens product record |
| Net weight        | 86.0 kg                                               |
| Country of origin | Germany                                               |
| Commodity code    | 85049090                                              |
| UPC               | 662643346862                                          |
| Product group     | 4929; group code R2S7                                 |

## Official references

- Siemens Industry Mall product record for 6SL3352-1AG38-1FA1.
- Official source: <https://mall.industry.siemens.com/mall/en/gr/Catalog/Product/6SL3352-1AG38-1FA1>

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

## Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

### Power-conversion role

The assembly is the high-current replacement power block for the documented SINAMICS drive execution, carrying the DC-link energy through the semiconductor power stage associated with the drive chassis.

### Operating principle

Within the configured converter, controlled semiconductor devices switch DC-link power according to gate commands from the drive electronics. The resulting controlled power flow produces the motor-side voltage and current required by the drive system.

### Service application

This article is supplied as a spare power block rather than a complete drive. It is intended to restore the original chassis configuration whose DC-link range and 810 A rating match the installed unit.

### Electrical boundary

The power block must be isolated from all hazardous voltages and the DC link must be fully discharged before service. Gate connections, bus bars, cooling interfaces and insulation clearances are part of the replacement check.

### Selection caution

Match the full article number, drive frame, voltage class, current rating and cooling arrangement. Adjacent 6SL3352 power blocks with different suffixes or current ratings are not interchangeable.



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