

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-2UL84-1GF0

High-power inverter snubber

FUNCTION High-power inverter snubber	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.72 kg
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Siemens SIMOVERT 6SE7041-2UL84-1GF0 is a High-power inverter snubber for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	High-power inverter snubber
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Protects the inverter power stage from transients
Power Architecture	Digital converter electronics
Voltage Class	675–810 V DC input
Current Rating	1200 A power-stage class
Control Supply	Passive protection network
Power Section	High-power inverter section
Mechanical Design	Plug-in service assembly
Electrical Interface	Three-phase power connections

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SE7041-2UL84-1GF0 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the SML 1GF0 snubber: Use 6SE7041-2UL84-1GF0 to protect the inverter power stage from transients within the documented SIMOVERT MASTERDRIVES. Confirm the assigned high-power inverter section, electrical class and controlled drawing before work.
- Match the Three-phase power connections: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SE7041-2UL84-1GF0 assembly. Preserve the documented SML 1GF0 snubber interface during exchange.
- Validate the Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7041-2UL84-1GF0 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6SE7041-2UL84-1GF0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM