

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7031-7HG84-1JA1

PSU1 converter supply module

FUNCTION PSU1 converter supply module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.8 kg
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Siemens SIMOVERT 6SE7031-7HG84-1JA1 is a PSU1 converter supply module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PSU1 converter supply module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Generates control power for designs E through H
Power Architecture	Digital converter electronics
Voltage Class	380–460 / 660–690 V AC
Current Rating	Design E–H supply load
Control Supply	510–620 / 890–930 V DC
Power Section	Converter supply section
Mechanical Design	Plug-in service assembly
Electrical Interface	Mains, DC and output connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SE7031-7HG84-1JA1 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|PSU1 1JA1 supply module: Use 6SE7031-7HG84-1JA1 to generate control power for designs E through H within the documented SIMOVERT MASTERDRIVES. Confirm the assigned converter supply section, electrical class and controlled drawing before work.
- Match the|Mains, DC and output connectors: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SE7031-7HG84-1JA1 assembly. Preserve the documented PSU1 1JA1 supply module 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 6SE7031-7HG84-1JA1 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=6SE7031-7HG84-1JA1>

AMIKON PRODUCT SUPPORT

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