

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7023-4TC84-1HF3

PEU power controller module

FUNCTION PEU power controller module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.15 kg
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Siemens SIMOVERT 6SE7023-4TC84-1HF3 is a PEU power controller module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PEU power controller module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls the 34 A inverter power stage
Power Architecture	PEU inverter electronics
Voltage Class	510–620 V DC link
Current Rating	34 A continuous output
Control Supply	24 V DC control supply
Power Section	Inverter power section
Mechanical Design	Plug-in PCB assembly
Electrical Interface	Gate, phase and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Converter cabinet cooling
Board Designation	6SE7023-4TC84-1HF3 PEU
Service Role	34 A power-section spare
Product Status	Legacy Siemens component
Commissioning Check	Check isolation and output symmetry

OFFICIAL APPLICATIONS

- Apply the|34 A PEU controller: Use 6SE7023-4TC84-1HF3 to controls the 34 a inverter power stage in the documented SIMOVERT MASTERDRIVES. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the|Gate, phase and feedback plugs: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented 34 A PEU controller interface during exchange.
- Validate the|Check isolation and output symmetry: After installation, check isolation and output symmetry. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7023-4TC84-1HF3 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=6SE7023-4TC84-1HF3>

AMIKON PRODUCT SUPPORT

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