

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7022-6TC84-1HF3

AC drive output module

FUNCTION AC drive output module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.88 kg
---	--	--------------------------	--------------------------

Siemens SIMOVERT 6SE7022-6TC84-1HF3 is a AC drive output module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	AC drive output module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls the 25.5 A inverter output stage
Power Architecture	Digital converter electronics
Voltage Class	510–620 V DC link
Current Rating	25.5 A output class
Control Supply	24 V DC control class
Power Section	Inverter output section
Mechanical Design	Plug-in service assembly
Electrical Interface	Gate, phase and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SE7022-6TC84-1HF3 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|25.5 A output module: Use 6SE7022-6TC84-1HF3 to control the 25.5 A inverter output stage within the documented SIMOVERT MASTERDRIVES. Confirm the assigned inverter output section, electrical class and controlled drawing before work.
- Match the|Gate, phase and feedback plugs: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SE7022-6TC84-1HF3 assembly. Preserve the documented 25.5 A output 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 6SE7022-6TC84-1HF3 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=6SE7022-6TC84-1HF3>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM