

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7022-6TP70

Compact motion control inverter

FUNCTION Compact motion control inverter	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens SIMOVERT 6SE7022-6TP70 is a Compact motion control inverter for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Compact motion control inverter
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls the high-output Compact Plus motor axis
Power Architecture	Compact Plus inverter stage
Voltage Class	510–650 V DC input
Current Rating	TP70 output-current class
Control Supply	Internal converter electronics
Power Section	Motor inverter section
Mechanical Design	IP20 Compact Plus unit
Electrical Interface	DC link, motor and control terminals

ADDITIONAL PRODUCT DATA

Cooling Integration	Forced cabinet airflow
Board Designation	6SE7022-6TP70 inverter
Service Role	TP70 motion-control drive
Product Status	Legacy Siemens converter
Commissioning Check	Check TP70 rating and braking path

OFFICIAL APPLICATIONS

- Apply the TP70 Compact Plus inverter: Use 6SE7022-6TP70 to controls the high-output compact plus motor axis in the documented SIMOVERT MASTERDRIVES. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the DC link, motor and control terminals: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented TP70 Compact Plus inverter interface during exchange.
- Validate the Check TP70 rating and braking path: After installation, check tp70 rating and braking path. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7022-6TP70 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=6SE7022-6TP70>

AMIKON PRODUCT SUPPORT

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