

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX87-0BB0

T100 technology control board

FUNCTION	FAMILY	ORIGIN	WEIGHT
T100 technology control board	SIMOVERT MASTERDRIVES	Germany	0.2 kg

Siemens SIMOVERT 6SE7090-0XX87-0BB0 is a T100 technology control board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	T100 technology control board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Runs configured technology functions
Power Architecture	T100 programmable platform
Voltage Class	Internal drive-electronics class
Current Rating	Application-defined signal channels
Control Supply	Drive internal supply
Power Section	Technology option slot
Mechanical Design	Board with hardware instructions
Electrical Interface	Backplane and option interfaces

ADDITIONAL PRODUCT DATA

Cooling Integration	Control-cabinet airflow
Board Designation	6SE7090-0XX87-0BB0 T100
Service Role	Board supplied without software
Product Status	Legacy Siemens module
Commissioning Check	Load software and validate technology I/O

OFFICIAL APPLICATIONS

- Apply the T100 technology board: Use 6SE7090-0XX87-0BB0 to runs configured technology functions in the documented SIMOVERT MASTERDRIVES. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the Backplane and option interfaces: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented T100 technology board interface during exchange.
- Validate the Load software and validate technology I/O: After installation, load software and validate technology i/o. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7090-0XX87-0BB0 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=6SE7090-0XX87-0BB0>

AMIKON PRODUCT SUPPORT

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