

SIMOVERT MASTERDRIVES CONVERTER MODULES

Product Data Sheet

A5E00207498

TDB converter control board

FUNCTION	FAMILY	ORIGIN	WEIGHT
TDB converter control board	SIMOVERT MASTERDRIVES converter modules	Germany	0.2 kg

Siemens SIMOVERT A5E00207498 is a TDB converter control board for the SIMOVERT MASTERDRIVES converter modules. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	TDB converter control board
Drive Family	SIMOVERT MASTERDRIVES converter modules
Primary Function	Coordinates 690 V converter control signals
Power Architecture	TDB digital control electronics
Voltage Class	690 V converter class
Current Rating	Signal-level board channels
Control Supply	Internal regulated control supply
Power Section	Converter control section
Mechanical Design	Plug-in printed-circuit board
Electrical Interface	Backplane and converter connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet airflow path
Board Designation	A5E00207498 TDB board
Service Role	Converter module repair spare
Product Status	Legacy Siemens component
Commissioning Check	Verify board identity and signal response

OFFICIAL APPLICATIONS

- Apply the|690 V TDB control board: Use A5E00207498 to coordinates 690 v converter control signals in the documented SIMOVERT MASTERDRIVES converter modules. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the|Backplane and converter connectors: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented 690 V TDB control board interface during exchange.
- Validate the|Verify board identity and signal response: After installation, verify board identity and signal response. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match A5E00207498 to the installed SIMOVERT MASTERDRIVES converter modules, 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=A5E00207498>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM