

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX84-0AH2

T300 technology board

FUNCTION T300 technology board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 2 kg
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Siemens SIMOVERT 6SE7090-0XX84-0AH2 is a T300 technology board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	T300 technology board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Adds configurable technology functions to the drive
Power Architecture	T300 hardware platform
Voltage Class	24 V DC electronics
Current Rating	Signal-level I/O
Power Section	Technology option slot
Mechanical Design	Plug-in technology board
Electrical Interface	16 DI, 8 DO, analog and serial interfaces
Commissioning Check	Load approved configuration and test technology I/O

- Apply the T300 technology logic: Use 6SE7090-0XX84-0AH2 for adds configurable technology functions to the drive within the documented SIMOVERT MASTERDRIVES. Confirm the technology option slot, electrical class and controlled system drawing before work.
- Prepare the mixed I/O validation: Record 16 di, 8 do, analog and serial interfaces, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact T300 spare board arrangement during replacement.
- Complete the memory-submodule check: Load approved configuration and test technology I/O. Review Siemens diagnostics and record the final T300 spare board configuration before returning the affected function to service.

Match 6SE7090-0XX84-0AH2 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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