

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-3TL84-1JC0

Inverter control circuit board

FUNCTION	FAMILY	ORIGIN	WEIGHT
Inverter control circuit board	SIMOVERT MASTERDRIVES	Germany	0.8 kg

Siemens SIMOVERT 6SE7041-3TL84-1JC0 is a Inverter control circuit board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Inverter control circuit board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls switching and feedback for a high-power inverter section
Power Architecture	TL84 inverter electronics
Voltage Class	Drive DC-link class
Current Rating	High-current converter rating
Power Section	Inverter power section
Mechanical Design	Plug-in control board
Electrical Interface	Gate, current and DC-link plugs
Commissioning Check	Verify insulation and inverter diagnostics

- Apply the high-power inverter control: Use 6SE7041-3TL84-1JC0 to controls switching and feedback for a high-power inverter section within the documented SIMOVERT MASTERDRIVES. Confirm the inverter power section, electrical class and controlled system drawing before work.
- Prepare the DC-link feedback path: Record gate, current and dc-link plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact TL84 inverter board arrangement during replacement.
- Complete the TL84 functional release: Verify insulation and inverter diagnostics. Review Siemens diagnostics and record the final TL84 inverter board result before returning the affected function to service.

Match 6SE7041-3TL84-1JC0 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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