

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7027-2TD84-6HF3

PEU4 power board

FUNCTION PEU4 power board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.88 kg
-------------------------------------	--	--------------------------	--------------------------

Siemens SIMOVERT 6SE7027-2TD84-6HF3 is a PEU4 power board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	PEU4 power board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls the 75 kW converter power section
Power Architecture	PEU4 inverter power stage
Voltage Class	510–650 V DC link
Current Rating	165 A output class
Power Section	Power section
Mechanical Design	Long-format power board
Electrical Interface	Power-stage and feedback connectors
Commissioning Check	Verify switching, current feedback and insulation

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Use the PEU4 power board: 6SE7027-2TD84-6HF3 supports controls the 75 kw converter power section in the documented SIMOVERT MASTERDRIVES arrangement. Confirm the installed section, adjacent hardware and controlled drawings before work.
- Match the Power-stage and feedback connectors: Record connector keys, cable routing, grounding and every mating assembly before removing the installed component. Compare these details with the complete Siemens article and board revision.
- Complete the PEU4 power board test: Verify switching, current feedback and insulation. Review drive diagnostics and record the final configuration before returning the affected machine function to service.

SYSTEM COMPATIBILITY

Match 6SE7027-2TD84-6HF3 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 manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM