

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7033-7EG84-1JF1

IGD4 inverter module

FUNCTION IGD4 inverter module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.84 kg
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Siemens SIMOVERT 6SE7033-7EG84-1JF1 is a IGD4 inverter module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD4 inverter module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Generates gate pulses for the inverter stage
Power Architecture	IGD4 power-control stage
Voltage Class	380–460 V AC / 510–620 V DC
Current Rating	370 A device class
Power Section	Inverter firing section
Mechanical Design	Long-format control module
Electrical Interface	Power-device gate connectors
Commissioning Check	Verify 370 A hardware and controlled start-up

- Use the IGD4 inverter module: 6SE7033-7EG84-1JF1 supports generates gate pulses for the inverter stage in the documented SIMOVERT MASTERDRIVES arrangement. Confirm the installed section, adjacent hardware and controlled drawings before work.
- Match the Power-device gate 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 IGD4 inverter module test: Verify 370 A hardware and controlled start-up. Review drive diagnostics and record the final configuration before returning the affected machine function to service.

Match 6SE7033-7EG84-1JF1 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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