

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-2WL84-1JC1

IGD9 inverter board

FUNCTION IGD9 inverter board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.35 kg
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Siemens SIMOVERT 6SE7041-2WL84-1JC1 is a IGD9 inverter board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD9 inverter board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls high-current inverter semiconductor firing
Power Architecture	IGD9 gate-control stage
Voltage Class	675–930 V DC
Current Rating	1230 A device class
Power Section	Inverter power section
Mechanical Design	Long-format trigger board
Electrical Interface	Gate and feedback connectors
Commissioning Check	Check gate channels and insulation before load

- Use the IGD9 inverter board: 6SE7041-2WL84-1JC1 supports controls high-current inverter semiconductor firing in the documented SIMOVERT MASTERDRIVES arrangement. Confirm the installed section, adjacent hardware and controlled drawings before work.
- Match the Gate 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 IGD9 inverter board test: Check gate channels and insulation before load. Review drive diagnostics and record the final configuration before returning the affected machine function to service.

Match 6SE7041-2WL84-1JC1 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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