

SIMOVERT MASTERDRIVES REPAIR PARTS

Product Data Sheet

6SE7037-0EJ84-1JC2

IGD7 inverter control module

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD7 inverter control module	SIMOVERT MASTERDRIVES repair parts	Germany	0.22 kg

Siemens SIMOVERT 6SE7037-0EJ84-1JC2 is a IGD7 inverter control module for the SIMOVERT MASTERDRIVES repair parts. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD7 control module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls inverter semiconductor firing
Power Architecture	Three-phase inverter gate stage
Voltage Class	380–460 V AC equipment
Current Rating	690 A device class
Control Supply	510–620 V DC link
Power Section	IGD7 power-control section
Mechanical Design	Plug-in industrial module
Electrical Interface	Internal gate-control connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Converter cabinet cooling
Board Designation	6SE7037-0EJ84-1JC2 IGD7
Service Role	High-current inverter spare
Product Status	Legacy service component
Commissioning Check	Verify DC-link and current class

OFFICIAL APPLICATIONS

- Apply the IGD7 inverter control module: Use 6SE7037-0EJ84-1JC2 for controls inverter semiconductor firing only after confirming the installed drive family, exact section and electrical class.
- Match the 380–460 V AC equipment hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Verify DC-link and current class. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

SYSTEM COMPATIBILITY

Match 6SE7037-0EJ84-1JC2 to the installed SIMOVERT MASTERDRIVES repair parts, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall and applicable drive documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SE7037-0EJ84-1JC2>

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