

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7035-1EJ84-1JC2

IGD7 inverter gating board

FUNCTION IGD7 inverter gating board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.88 kg
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Siemens SIMOVERT 6SE7035-1EJ84-1JC2 is a IGD7 inverter gating board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD7 inverter gating board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Generates 510 A inverter gate pulses
Power Architecture	IGD7 power-control stage
Voltage Class	380–460 V AC / 510–620 V DC
Current Rating	510 A device class
Control Supply	Internal drive control supply
Power Section	Inverter semiconductor section
Mechanical Design	Long-format gating board
Electrical Interface	Power-device gate connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Power-stack cooling path
Board Designation	6SE7035-1EJ84-1JC2 IGD7
Service Role	High-current inverter spare
Product Status	Legacy Siemens component
Commissioning Check	Inspect 510 A IGBT and gate paths

OFFICIAL APPLICATIONS

- Use the IGD7 inverter gating board: Apply 6SE7035-1EJ84-1JC2 for generates 510 a inverter gate pulses after matching the exact system, electrical class and installed section.
- Confirm the 380–460 V AC / 510–620 V DC configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Inspect 510 A IGBT and gate paths. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6SE7035-1EJ84-1JC2 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 Industry Mall and applicable manufacturer documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SE7035-1EJ84-1JC2>

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