

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7031-7HG84-1JC2

IGD5 inverter trigger module

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD5 inverter trigger module	SIMOVERT MASTERDRIVES	Germany	1.22 kg

Siemens SIMOVERT 6SE7031-7HG84-1JC2 is a IGD5 inverter trigger module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD5 inverter trigger module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls 171 A semiconductor firing
Power Architecture	IGD5 revised gate-control stage
Voltage Class	660–690 V AC / 890–930 V DC
Current Rating	171 A power section
Control Supply	Drive internal auxiliary feed
Power Section	High-voltage inverter channel
Mechanical Design	JC2 plug-in module revision
Electrical Interface	IGD5 keyed gate connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Forced cabinet airflow
Board Designation	6SE7031-7HG84-1JC2 IGD5
Service Role	JC2 inverter service spare
Product Status	Legacy Siemens component
Commissioning Check	Confirm JC2 revision and firing order

OFFICIAL APPLICATIONS

- Use the IGD5 inverter trigger module: Apply 6SE7031-7HG84-1JC2 for controls 171 a semiconductor firing after matching the exact system, electrical class and installed section.
- Confirm the 660–690 V AC / 890–930 V DC configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Confirm JC2 revision and firing order. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6SE7031-7HG84-1JC2 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/6SE7031-7HG84-1JC2>

AMIKON PRODUCT SUPPORT

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