

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7031-7HG84-1JC1

IGD5 inverter trigger module

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

Siemens SIMOVERT 6SE7031-7HG84-1JC1 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	Triggers high-voltage inverter devices
Power Architecture	IGD5 gate-control architecture
Voltage Class	660–690 V AC / 890–930 V DC
Current Rating	171 A device class
Control Supply	Internal drive auxiliary supply
Power Section	Inverter firing section
Mechanical Design	Plug-in industrial module
Electrical Interface	Gate and feedback connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Converter cabinet cooling
Board Designation	6SE7031-7HG84-1JC1 IGD5
Service Role	High-voltage inverter spare
Product Status	Legacy Siemens component
Commissioning Check	Check gate channels at controlled load

OFFICIAL APPLICATIONS

- Use the IGD5 inverter trigger module: Apply 6SE7031-7HG84-1JC1 for triggers high-voltage inverter devices 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: Check gate channels at controlled load. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6SE7031-7HG84-1JC1 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/6SE7031-7HG84-1JC1>

AMIKON PRODUCT SUPPORT

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