6SE7031-2HG84-1JC1

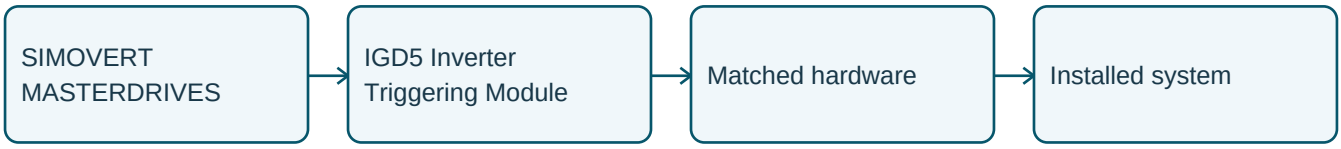
01 / Product identity and characteristics

IGD5 Inverter Triggering Module

Siemens 6SE7031-2HG84-1JC1 is an IGD5 inverter triggering module for SIMOVERT MASTERDRIVES equipment. It belongs to the inverter power-stage control path and must be matched to the converter frame, installed gate-drive circuit and existing board marking. The Siemens product description associates it with equipment using three-phase 660-690 V AC at 50/60 Hz, a DC link of 890-930 V and a 118 A class; those are related equipment figures.

Product type	IGD5 Inverter Triggering Module
Product series	SIMOVERT MASTERDRIVES
Module designation	IGD5

System relationship



Verified technical data

Module designation	IGD5
Component function	Inverter triggering
Related equipment AC supply	3-phase 660-690 V AC, 50/60 Hz
Related equipment DC link	890-930 V DC
Related equipment current class	118 A

Applicability

The AC, DC-link and current values describe the related converter equipment, not standalone electrical ratings of the IGD5 board.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

6SE7031-2HG84-1JC1

02 / Function and integration

Functional role

The IGD5 board provides the triggering function within the matched inverter assembly. Its connectors, installation position and companion power components must be reviewed as a set. Do not interpret a host-unit voltage or current from the Siemens product entry as an independent loose-board supply or output rating; verify the actual converter nameplate and schematic before choosing a spare.

Configuration and service context

Record the original 6SE7031-2HG84-1JC1 identification, connector positions and any hardware revision before removal. Apply the approved inverter isolation and DC-link discharge process, then inspect mounting and connector seating during installation. Validate converter diagnostics and affected power-stage behavior with the site commissioning procedure before returning the drive to service.

Integration checks

Board marking	Match the complete 6SE7031-2HG84-1JC1 order code and revision.
Drive compatibility	Confirm the fitted SIMOVERT MASTERDRIVES converter and IGD5 circuit position.
Wiring record	Preserve connector positions and power-stage identification before removal.
Commissioning	Follow inverter isolation/discharge and approved diagnostic/functional checks.

Technical basis

Siemens SiePortal product entry for 6SE7031-2HG84-1JC1.

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6SE7031-2HG84-1JC1

03 / Questions and service reference

What does IGD5 identify on 6SE7031-2HG84-1JC1?

It identifies the inverter triggering module function in a matched SIMOVERT MASTERDRIVES converter.

Are the 660-690 V AC figures independent ratings of 6SE7031-2HG84-1JC1?

No. They describe the related converter equipment, not a standalone loose-board input specification.

Which DC-link and current class accompany 6SE7031-2HG84-1JC1?

The Siemens entry associates this board with converter equipment at 890-930 V DC and a 118 A class.

Which drive details should be matched with 6SE7031-2HG84-1JC1?

Match the complete converter designation, IGD5 circuit position, board revision and mating connectors.

What records are needed before replacing 6SE7031-2HG84-1JC1?

Preserve the board marking, connector positions and installed power-stage identification.

Are power-stage parts included with 6SE7031-2HG84-1JC1?

Confirm separately whether the quote includes only the IGD5 board or any companion components and documents.

How are photos and lead time for 6SE7031-2HG84-1JC1 confirmed?

Request current marking and connector photos, available quantity and a dispatch estimate in the quotation.

What service checks apply after fitting 6SE7031-2HG84-1JC1?

Use the approved isolation and DC-link discharge process, then validate converter diagnostics and affected power-stage behavior.

Related portfolio

Siemens 6SE7090-0XX84-0FF5

Siemens 6SE7031-7HG84-1JC1

Navigation only. These listings are not confirmed replacements or included items.

Product and installation enquiries

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