6SE7031-2HG84-1JC1

01 / Product identity and technical data

IGD5 Inverter Triggering Module

Siemens 6SE7031-2HG84-1JC1 is a igd5 inverter triggering module for SIMOVERT MASTERDRIVES. 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.

Key characteristics

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

Verified technical characteristics

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

Configuration boundary

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

Related portfolio

Siemens 6SE7090-0XX84-0FF5

Siemens 6SE7031-7HG84-1JC1

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Applications and installation checks

Inverter triggering

Serves the IGD5 triggering position in a matched MASTERDRIVES inverter power stage.

Converter integration

Works within the configured converter's gate-control path and companion power components.

Match the identification

Match the complete 6SE7031-2HG84-1JC1 order code and revision.

Review the host system

Confirm the fitted SIMOVERT MASTERDRIVES converter and IGD5 circuit position.

Preserve the installation record

Preserve connector positions and power-stage identification before removal.

Host equipment class

Associated with the specified 660-690 V AC, 890-930 V DC-link and 118 A converter class, not an independent loose-board rating.

Board compatibility

Requires the applicable converter frame, IGD5 circuit position and mating connector arrangement.

Confirm the service procedure

Follow inverter isolation/discharge and approved diagnostic/functional checks.

Protect the hardware

Use applicable isolation and electrostatic-discharge controls; protect the board, connectors and mechanical retainers during handling.

Verify the restored system

Complete the approved site acceptance checks, including diagnostics and affected functions, before returning equipment to service.

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03 / Technical questions and service context

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.

Lifecycle

Siemens identifies this order code as discontinued. Confirm support and suitable replacement guidance for the complete installed converter.

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.

Technical basis

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

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