

INDUSTRIAL AUTOMATION PRODUCT

6SE7038-6EK84-1JC2

SIMOVERT MASTERDRIVES IGD8 Inverter Control Module

Siemens 6SE7038-6EK84-1JC2 is the documented SIMOVERT MASTERDRIVES IGD8 Inverter Control Module for the SIMOVERT MASTERDRIVES.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Part number	6SE7038-6EK84-1JC2
Product role	Exact article identity: 6SE7038-6EK84-1JC2
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SE7038-6EK84-1JC2 only in the documented SIMOVERT MASTERDRIVES position.

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6SE7038-6EK84-1JC2

Technical Specifications

Technical values below are limited to the named Siemens product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Module type	IGD8 inverter control module	Documented current class	860 A
DC device range	510 to 620 V DC		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SIMOVERT MASTERDRIVES
Primary system role	Exact article identity: 6SE7038-6EK84-1JC2
Connection boundary	Install 6SE7038-6EK84-1JC2 only in the documented SIMOVERT MASTERDRIVES position.
Controlled acceptance duty	SIMOVERT MASTERDRIVES planned maintenance

ENGINEERING BOUNDARY

Confirm 6SE7038-6EK84-1JC2, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

1	Confirm the complete 6SE7038-6EK84-1JC2 marking and the installed SIMOVERT MASTERDRIVES position.	2	Place the driven machine and associated process in the approved maintenance state.
3	Isolate incoming power, prove stored DC-link energy discharged and use ESD controls.	4	Record every power, control, feedback, communication and protective-earth connection before removal.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	6SE7038-6EK84-1JC2
Installed host	SIMOVERT MASTERDRIVES
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

TECHNICAL IDENTITY CROSS-CHECK

Module type IGD8 inverter control module	DC device range 510 to 620 V DC
Documented current class 860 A	

System Role and Architecture

Siemens 6SE7038-6EK84-1JC2 is the documented SIMOVERT MASTERDRIVES IGD8 Inverter Control Module for the SIMOVERT MASTERDRIVES.

FUNCTION 1
Exact article identity: 6SE7038-6EK84-1JC2

FUNCTION 2
Documented component: SIMOVERT MASTERDRIVES IGD8 Inverter Control Module

FUNCTION 3
Installed family: SIMOVERT MASTERDRIVES

FUNCTION 4
Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SIMOVERT MASTERDRIVES
2	510 to 620 V DC
3	SIMOVERT MASTERDRIVES planned maintenance
4	Install 6SE7038-6EK84-1JC2 only in the documented SIMOVERT MASTERDRIVES position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES
Interface role	Exact article identity: 6SE7038-6EK84-1JC2
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SE7038-6EK84-1JC2.
Commissioning evidence	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Installation and Connection Checks

1

Verify the installed host hardware and all values documented for 6SE7038-6EK84-1JC2 against the official source.

2

Restore the approved hardware execution, connector arrangement and project or parameter record.

3

Energize in the prescribed sequence and review drive, board and communication diagnostics.

4

Complete a controlled no-load or safe-point functional test before returning the machine to service.

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Datasheet
6SE7038-6EK84-1JC2, 20 February 2020

Applications and Engineering Context

SIMOVERT MASTERDRIVES planned maintenance

Restores the documented IGD8 inverter-control module for the documented DC-link drive execution during a controlled cabinet service.

SIMOVERT MASTERDRIVES IGD8 Inverter Control Module replacement

Uses the exact 6SE7038-6EK84-1JC2 identity to avoid an adjacent hardware execution.

Drive-system refurbishment

Preserves the recorded power, control, communication and protective-earth arrangement.

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

TECHNICAL NOTE

Install 6SE7038-6EK84-1JC2 only in the documented SIMOVERT MASTERDRIVES position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6SE7038-6EK84-1JC2 recorded
Host / carrier	SIMOVERT MASTERDRIVES
Physical interface	Exact article identity: 6SE7038-6EK84-1JC2
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional proof	Complete a controlled no-load or safe-point functional test before returning the machine to service.

IMPORTANT NOTICE

Confirm 6SE7038-6EK84-1JC2, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6SE7038-6EK84-1JC2
Approved role	SIMOVERT MASTERDRIVES planned maintenance
Final validation	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineering Precautions

1	Confirm the complete 6SE7038-6EK84-1JC2 marking and the installed SIMOVERT MASTERDRIVES position.	2	Place the driven machine and associated process in the approved maintenance state.
3	Isolate incoming power, prove stored DC-link energy discharged and use ESD controls.	4	Record every power, control, feedback, communication and protective-earth connection before removal.
5	Verify the installed host hardware and all values documented for 6SE7038-6EK84-1JC2 against the official source.	6	Restore the approved hardware execution, connector arrangement and project or parameter record.
7	Energize in the prescribed sequence and review drive, board and communication diagnostics.	8	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6RY1803-0CM20	product page	View 6RY1803-0CM20 page
C98043-A7107-L4	product page	View C98043-A7107-L4 page
6RY1803-0DB02	product page	View 6RY1803-0DB02 page
6SL3200-0SP06-0AA0	product page	View 6SL3200-0SP06-0AA0 page
6SL3985-6TM00-0AA0	product page	View 6SL3985-6TM00-0AA0 page
6SL3120-2TE21-8AD0	product page	View 6SL3120-2TE21-8AD0 page
6SE7041-8EK85-0LA0	product page	View 6SE7041-8EK85-0LA0 page
6SE7035-1EJ84-1JC2	product page	View 6SE7035-1EJ84-1JC2 page

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Datasheet
6SE7038-6EK84-1JC2, 20 February 2020

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