

6SE7041-8GK85-0LA0

SIMOVERT MASTERDRIVES power-section interface module

It provides the documented interface-module function in compatible SIMOVERT MASTERDRIVES equipment.

PRODUCT SNAPSHOT

BRAND

Siemens

FAMILY

SIMOVERT MASTERDRIVES drive equipment

PART

6SE7041-8GK85-0LA0

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PRODUCT OVERVIEW

It provides the documented interface-module function in compatible SIMOVERT MASTERDRIVES equipment.

1

Interfaces the assigned drive power section

2

Carries control and diagnostic information

3

Supports the installed MASTERDRIVES hardware arrangement

4

Maintains the complete Siemens order identity

SYSTEM COMPONENTS

Compatible 6SE70 power section

Drive control electronics

Internal control harnesses

Approved commissioning data set

TECHNICAL NOTE

Confirm the full order code and installed host, isolate the mains and DC link, photograph every connector position, and verify status, interlocks and diagnostic response before motor operation.

TECHNICAL DATA

PARAMETER	VALUE
Order number	6SE7041-8GK85-0LA0
System family	SIMOVERT MASTERDRIVES

PARAMETER	VALUE
Equipment role	Power-section interface

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6ES7318-3EL00-0AB0	Related Siemens product	View 6ES7318-3EL00-0AB0 page
6ES7315-6FF04-0AB0	Related Siemens product	View 6ES7315-6FF04-0AB0 page
6ES7315-2EH14-0AB0	Related Siemens product	View 6ES7315-2EH14-0AB0 page
6ES7315-2AH14-0AB0	Related Siemens product	View 6ES7315-2AH14-0AB0 page
6ES7332-7ND02-0AB0	Related Siemens product	View 6ES7332-7ND02-0AB0 page
6ES7215-1HG40-0XB0	Related Siemens product	View 6ES7215-1HG40-0XB0 page
6ES7136-6BA00-0CA0	Related Siemens product	View 6ES7136-6BA00-0CA0 page
6ES7131-6BF00-0BA0	Related Siemens product	View 6ES7131-6BF00-0BA0 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Large motor-drive maintenance

Interfaces the assigned drive power section

Power-section renewal

Carries control and diagnostic information

Process-drive cabinet service

Supports the installed MASTERDRIVES hardware arrangement

Controlled recommissioning

Maintains the complete Siemens order identity

PRODUCT PRECAUTIONS

- 1 Verify the complete 6SE7041-8GK85-0LA0 marking and the assigned SIMOVERT MASTERDRIVES drive equipment position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing 6SE7041-8GK85-0LA0.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting 6SE7041-8GK85-0LA0.
- 4 Record connector, conductor, slot and configuration identities before removal of 6SE7041-8GK85-0LA0.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the 6SE7041-8GK85-0LA0 arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning 6SE7041-8GK85-0LA0 to service.

ENGINEER FAQ

Q1 Does 6SE7041-8GK85-0LA0 match Compatible 6SE70 power section in a Large motor-drive maintenance installation?

Verify the complete 6SE7041-8GK85-0LA0 marking, the documented SIMOVERT MASTERDRIVES drive equipment position and the installed Compatible 6SE70 power section before fitting the assembly.

Q3 Which SIMOVERT MASTERDRIVES drive equipment records should be captured before removing 6SE7041-8GK85-0LA0?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 6SE7041-8GK85-0LA0 before disconnection.

Q5 Which Drive control electronics condition should be checked when 6SE7041-8GK85-0LA0 reports an abnormal state?

Check the Drive control electronics supply, seating and connection first, then compare channel diagnostics with the recorded 6SE7041-8GK85-0LA0 baseline.

Q7 What maintenance evidence is required after 6SE7041-8GK85-0LA0 is used for Process-drive cabinet service?

Retain the nameplate record, corrective action, final diagnostics and a controlled process-drive cabinet service functional-test result for 6SE7041-8GK85-0LA0.

Q2 How should 6SE7041-8GK85-0LA0 be wired when it must interfaces the assigned drive power section?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 6SE7041-8GK85-0LA0; then continuity-test the affected path.

Q4 What controlled test confirms that 6SE7041-8GK85-0LA0 can carries control and diagnostic information?

Apply the approved field or simulated stimulus, observe the SIMOVERT MASTERDRIVES drive equipment indication and confirm the intended response without bypassing the normal interlocks.

Q6 Can 6SE7041-8GK85-0LA0 be moved directly into Power-section renewal without validating Approved commissioning data set?

No. Confirm the Approved commissioning data set, revision, connection scheme and SIMOVERT MASTERDRIVES drive equipment configuration before transferring 6SE7041-8GK85-0LA0 to that duty.

Q8 How should 6SE7041-8GK85-0LA0 be returned to service in Controlled recommissioning?

Restore power under control, verify supports the installed masterdrives hardware arrangement, exercise the intended signal path and release 6SE7041-8GK85-0LA0 only after the SIMOVERT MASTERDRIVES drive equipment remains in its approved operating state.

SOURCE Siemens SIMOVERT MASTERDRIVES operating-instructions set | 6SE70 documentation

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