6SE7041-8EK85-1MA0

SIMOVERT MASTERDRIVES parallel interface module

It provides the documented parallel-interface function within a compatible SIMOVERT MASTERDRIVES rectifier/regenerating arrangement.

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
SIMOVERT MASTERDRIVES rectifier/regenerati

PART
6SE7041-8EK85-1MA0

ORIGIN / HS
Germany / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE
+86 180 3023 5313

EMAIL
sales13@apterpower.com

WEBSITE
www.apterpower.com

PRODUCT OVERVIEW

It provides the documented parallel-interface function within a compatible SIMOVERT MASTERDRIVES rectifier/regenerating arrangement.

1. Coordinates the linked power-unit interface
2. Carries synchronized command and status information
3. Supports documented parallel equipment configurations
4. Uses the complete 6SE7041-8EK85-1MA0 identity

SYSTEM COMPONENTS

- Compatible MASTERDRIVES power units
- Parallel-interface cabling
- Assigned control electronics
- Approved parallel-unit parameterization

TECHNICAL NOTE

Isolate every paralleled power unit and DC link, preserve interface-cable order, confirm equal host configuration, and verify synchronization and protection before load operation.

TECHNICAL DATA

PARAMETER	VALUE
Order number	6SE7041-8EK85-1MA0
Interface function	Parallel interface

PARAMETER	VALUE
System family	SIMOVERT MASTERDRIVES

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6ES7231-4HA30-0XB0	Related Siemens product	**View 6ES7231-4HA30-0XB0 page**
6ES7512-1CK01-0AB0	Related Siemens product	**View 6ES7512-1CK01-0AB0 page**
6ES7143-3BH00-0XA0	Related Siemens product	**View 6ES7143-3BH00-0XA0 page**
6ES7134-6HD01-0BA1	Related Siemens product	**View 6ES7134-6HD01-0BA1 page**
6ES7221-3BD30-0XB0	Related Siemens product	**View 6ES7221-3BD30-0XB0 page**
6ES7134-6GD01-0BA1	Related Siemens product	**View 6ES7134-6GD01-0BA1 page**
6ES7322-5HF00-0AB0	Related Siemens product	**View 6ES7322-5HF00-0AB0 page**
6SL3210-5FB10-4UF1	Related Siemens product	**View 6SL3210-5FB10-4UF1 page**

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Parallel high-power drive systems

Coordinates the linked power-unit interface

Common DC-bus installations

Carries synchronized command and status information

Large process-line drives

Supports documented parallel equipment configurations

Drive cabinet service verification

Uses the complete 6SE7041-8EK85-1MA0 identity

PRODUCT PRECAUTIONS

1. Verify the complete 6SE7041-8EK85-1MA0 marking and the assigned SIMOVERT MASTERDRIVES rectifier/regenerating equipment position before work.
2. Place the connected machine or process in the approved maintenance state before disturbing 6SE7041-8EK85-1MA0.
3. Isolate the applicable power and field energy, then confirm a safe state before disconnecting 6SE7041-8EK85-1MA0.
4. Record connector, conductor, slot and configuration identities before removal of 6SE7041-8EK85-1MA0.
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 6SE7041-8EK85-1MA0 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 6SE7041-8EK85-1MA0 to service.

ENGINEER FAQ

Q1 Does 6SE7041-8EK85-1MA0 match Compatible MASTERDRIVES power units in a Parallel high-power drive systems installation?

Verify the complete 6SE7041-8EK85-1MA0 marking, the documented SIMOVERT MASTERDRIVES rectifier/regenerating equipment position and the installed Compatible MASTERDRIVES power units before fitting the assembly.

Q2 How should 6SE7041-8EK85-1MA0 be wired when it must coordinates the linked power-unit interface?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 6SE7041-8EK85-1MA0; then continuity-test the affected path.

Q3 Which SIMOVERT MASTERDRIVES rectifier/regenerating equipment records should be captured before removing 6SE7041-8EK85-1MA0?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 6SE7041-8EK85-1MA0 before disconnection.

Q4 What controlled test confirms that 6SE7041-8EK85-1MA0 can carries synchronized command and status information?

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

Q5 Which Parallel-interface cabling condition should be checked when 6SE7041-8EK85-1MA0 reports an abnormal state?

Check the Parallel-interface cabling supply, seating and connection first, then compare channel diagnostics with the recorded 6SE7041-8EK85-1MA0 baseline.

Q6 Can 6SE7041-8EK85-1MA0 be moved directly into Common DC-bus installations without validating Approved parallel-unit parameterization?

No. Confirm the Approved parallel-unit parameterization, revision, connection scheme and SIMOVERT MASTERDRIVES rectifier/regenerating equipment configuration before transferring 6SE7041-8EK85-1MA0 to that duty.

Q7 What maintenance evidence is required after 6SE7041-8EK85-1MA0 is used for Large process-line drives?

Retain the nameplate record, corrective action, final diagnostics and a controlled large process-line drives functional-test result for 6SE7041-8EK85-1MA0.

Q8 How should 6SE7041-8EK85-1MA0 be returned to service in Drive cabinet service verification?

Restore power under control, verify supports documented parallel equipment configurations, exercise the intended signal path and release 6SE7041-8EK85-1MA0 only after the SIMOVERT MASTERDRIVES rectifier/regenerating equipment remains in its approved operating state.

SOURCE Siemens SIMOVERT MASTERDRIVES operating instructions | 6SE70 rectifier/regenerating-unit documentation

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com