

6SE7041-8EK85-1MA0

SIMOVERT MASTERDRIVES parallel interface module

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6SE7041-8EK85-1MA0
Manufacturer part	6SE7041-8EK85-1MA0
Hardware type	6SE7041-8EK85-1MA0
System family	SIMOVERT MASTERDRIVES rectifier/regenerating equipment



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6SE7041-8EK85-1MA0 / 6SE7041-8EK85-1MA0 recorded
Physical interface	Compatible MASTERDRIVES power units
Companion check	Parallel-interface cabling
Functional proof	Coordinates the linked power-unit interface
Application test	Parallel high-power drive systems

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Order number	6SE7041-8EK85-1MA0
Interface function	Parallel interface
System family	SIMOVERT MASTERDRIVES

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Compatible MASTERDRIVES power units
Companion hardware	Parallel-interface cabling
Field connection	Assigned control electronics
Primary system function	Coordinates the linked power-unit interface
Controlled acceptance duty	Parallel high-power drive systems

FIELD 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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6SE7041-8EK85-1MA0 / 6SE7041-8EK85-1MA0 recorded
Physical interface	Compatible MASTERDRIVES power units
Companion check	Parallel-interface cabling
Functional proof	Coordinates the linked power-unit interface
Application test	Parallel high-power drive systems

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm that the installed companion hardware and approved project match the 6SE7041-8EK85-1MA0 arrangement.

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VERIFICATION RECORD

PRODUCT IDENTITY	6SE7041-8EK85-1MA0
INSTALLED POSITION	Documented SIMOVERT MASTERDRIVES rectifier/regenerating equipment position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6ES7288-1ST40-0AA1	Related Siemens product	View 6ES7288-1ST40-0AA1 page
6ES7288-1ST30-0AA1	Related Siemens product	View 6ES7288-1ST30-0AA1 page
6ES7288-1ST20-0AA1	Related Siemens product	View 6ES7288-1ST20-0AA1 page
6ES7288-1SR60-0AA1	Related Siemens product	View 6ES7288-1SR60-0AA1 page
6ES7288-1SR40-0AA1	Related Siemens product	View 6ES7288-1SR40-0AA1 page
6ES7288-1SR30-0AA1	Related Siemens product	View 6ES7288-1SR30-0AA1 page
6ES7288-1SR20-0AA1	Related Siemens product	View 6ES7288-1SR20-0AA1 page
6ES7515-2RM00-0AB0	Related Siemens product	View 6ES7515-2RM00-0AB0 page

SOURCE IDENTIFIERS

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

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