

INDUSTRIAL AUTOMATION PRODUCT

6SE7041-8EK85-1MA0

SIMOVERT MASTERDRIVES parallel interface module

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

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES rectifier/regenerating equipment
Part number	6SE7041-8EK85-1MA0
Country	Germany
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named Siemens product record.

PARAMETER	TECHNICAL VALUE
Order number	6SE7041-8EK85-1MA0
Interface function	Parallel interface
System family	SIMOVERT MASTERDRIVES

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

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System Role and Architecture

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

FUNCTION 1

Coordinates the linked power-unit interface

FUNCTION 2

Carries synchronized command and status information

FUNCTION 3

Supports documented parallel equipment configurations

FUNCTION 4

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

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

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Applications and Engineering Context

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

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

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Engineering 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6ES7288-2DE08-0AA0	Related Siemens product	View 6ES7288-2DE08-0AA0 page
6ES7288-1CR60-0AA0	Related Siemens product	View 6ES7288-1CR60-0AA0 page
6ES7288-1CR40-0AA0	Related Siemens product	View 6ES7288-1CR40-0AA0 page
6ES7288-1CR60-0AA1	Related Siemens product	View 6ES7288-1CR60-0AA1 page
6ES7288-1CR40-0AA1	Related Siemens product	View 6ES7288-1CR40-0AA1 page
6ES7288-1CR30-0AA1	Related Siemens product	View 6ES7288-1CR30-0AA1 page
6ES7288-1CR20-0AA1	Related Siemens product	View 6ES7288-1CR20-0AA1 page
6ES7288-1ST60-0AA1	Related Siemens product	View 6ES7288-1ST60-0AA1 page

MANUFACTURER SOURCE RECORD

Siemens SIMOVERT MASTERDRIVES operating instructions

6SE70 rectifier/regenerating-unit documentation

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