

6SE7036-1EE85-1HA0

SIMOVERT MASTERDRIVES PER2 control module

CONTROLLED ENGINEERING COPY

Confirm the full order number and design-E host, isolate the mains and DC link, preserve ribbon-cable and connector positions, and verify infeed and regeneration under controlled conditions.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6SE7036-1EE85-1HA0
Manufacturer part	6SE7036-1EE85-1HA0
Hardware type	6SE7036-1EE85-1HA0
System family	SIMOVERT MASTERDRIVES rectifier/regenerating unit



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 6SE7036-1EE85-1HA0 marking and the assigned SIMOVERT MASTERDRIVES rectifier/regenerating unit position before work.
- 2

Place the connected machine or process in the approved maintenance state before disturbing 6SE7036-1EE85-1HA0.
- 3

Isolate the applicable power and field energy, then confirm a safe state before disconnecting 6SE7036-1EE85-1HA0.
- 4

Record connector, conductor, slot and configuration identities before removal of 6SE7036-1EE85-1HA0.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

MATCHED HARDWARE

- SIMOVERT rectifier/regenerating power section
- Drive control electronics
- Line-side protection and precharge hardware
- Approved 6SE70 parameter record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6SE7036-1EE85-1HA0 / 6SE7036-1EE85-1HA0 recorded
Physical interface	SIMOVERT rectifier/regenerating power section
Companion check	Drive control electronics
Functional proof	Coordinates infeed and regenerative operating states
Application test	Regenerative conveyor drives

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Order number	6SE7036-1EE85-1HA0
Module designation	PER2
Supply system	3 AC
Rated line-voltage range	380 to 480 V AC
Rated frequency	50/60 Hz
Construction	Design E

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	SIMOVERT rectifier/regenerating power section
Companion hardware	Drive control electronics
Field connection	Line-side protection and precharge hardware
Primary system function	Coordinates infeed and regenerative operating states
Controlled acceptance duty	Regenerative conveyor drives

FIELD NOTE

Confirm the full order number and design-E host, isolate the mains and DC link, preserve ribbon-cable and connector positions, and verify infeed and regeneration under controlled conditions.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6SE7036-1EE85-1HA0 / 6SE7036-1EE85-1HA0 recorded
Physical interface	SIMOVERT rectifier/regenerating power section
Companion check	Drive control electronics
Functional proof	Coordinates infeed and regenerative operating states
Application test	Regenerative conveyor drives

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm that the installed companion hardware and approved project match the 6SE7036-1EE85-1HA0 arrangement.
- ☐ Restore power in a controlled sequence and review device, rack and host diagnostics.
- ☐ Prove the intended function and retain the final test result before returning 6SE7036-1EE85-1HA0 to service.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	6SE7036-1EE85-1HA0
INSTALLED POSITION	Documented SIMOVERT MASTERDRIVES rectifier/regenerating unit 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
6EP1333-4BA00	Related Siemens product	View 6EP1333-4BA00 page
6GK1561-2AA00	Related Siemens product	View 6GK1561-2AA00 page
6ES7432-1HF00-0AB0	Related Siemens product	View 6ES7432-1HF00-0AB0 page
6EP1434-2BA20	Related Siemens product	View 6EP1434-2BA20 page
6ES7332-5HF00-0AB0	Related Siemens product	View 6ES7332-5HF00-0AB0 page
6ES7234-4HE32-0XB0	Related Siemens product	View 6ES7234-4HE32-0XB0 page
6AV6545-0DB10-0AX0	Related Siemens product	View 6AV6545-0DB10-0AX0 page
6ES7422-1BL00-0AA0	Related Siemens product	View 6ES7422-1BL00-0AA0 page

SOURCE IDENTIFIERS

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

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