

INDUSTRIAL AUTOMATION PRODUCT

6SE7036-1EE85-1HA0

SIMOVERT MASTERDRIVES PER2 control module

It is the PER2 control module used by the documented SIMOVERT MASTERDRIVES infeed and regenerative-feedback equipment.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES rectifier/regenerating unit
Part number	6SE7036-1EE85-1HA0
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	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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

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System Role and Architecture

It is the PER2 control module used by the documented SIMOVERT MASTERDRIVES infeed and regenerative-feedback equipment.

FUNCTION 1
Coordinates infeed and regenerative operating states

FUNCTION 2
Processes the assigned power-section feedback

FUNCTION 3
Supports 50/60 Hz rectifier/regenerative operation

FUNCTION 4
Fits the documented design-E equipment arrangement

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

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Applications and Engineering Context

Regenerative conveyor drives

Coordinates infeed and regenerative operating states

Common DC-link systems

Processes the assigned power-section feedback

Test-stand energy recovery

Supports 50/60 Hz rectifier/regenerative operation

MASTERDRIVES cabinet restoration

Fits the documented design-E equipment arrangement

TECHNICAL 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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

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Engineering Precautions

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.

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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
6ES7193-4JA00-0AA0	Related Siemens product	View 6ES7193-4JA00-0AA0 page
6ED1052-1MD00-0BA5	Related Siemens product	View 6ED1052-1MD00-0BA5 page
6ES7153-2AA02-0XB0	Related Siemens product	View 6ES7153-2AA02-0XB0 page
6ES7954-8LC04-0AA0	Related Siemens product	View 6ES7954-8LC04-0AA0 page
6AV2124-0QC02-0AX1	Related Siemens product	View 6AV2124-0QC02-0AX1 page
6ES7590-1AB60-0AA0	Related Siemens product	View 6ES7590-1AB60-0AA0 page
6EP3334-8SB00-0AY0	Related Siemens product	View 6EP3334-8SB00-0AY0 page
6AU1455-2AD00-0AA0	Related Siemens product	View 6AU1455-2AD00-0AA0 page

MANUFACTURER SOURCE RECORD

Siemens SIMOVERT MASTERDRIVES rectifier/regenerating-unit documentation

6SE70 operating-instructions set

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