

INDUSTRIAL AUTOMATION PRODUCT

6SE7027-2ED84-1HF5

SIMOVERT MASTERDRIVES PEU4 Power Output Module

Siemens 6SE7027-2ED84-1HF5 is a PEU4 power-output spare module for a 72 A SIMOVERT MASTERDRIVES device. It is specified for the 380–460 V three-phase execution.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Part number	6SE7027-2ED84-1HF5
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SE7027-2ED84-1HF5 only in the documented 72 A, 380–460 V MASTERDRIVES device. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected power-output module replacement under controlled conditions.

System Role and Architecture

Siemens 6SE7027-2ED84-1HF5 is a PEU4 power-output spare module for a 72 A SIMOVERT MASTERDRIVES device. It is specified for the 380–460 V three-phase execution.

FUNCTION 1
Exact article identity 6SE7027-2ED84-1HF5

FUNCTION 2
SIMOVERT MASTERDRIVES PEU4 Power Output Module

FUNCTION 3
Documented role: power-output module replacement

FUNCTION 4
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

1 Siemens 6RY1803-0DA03

2 Siemens C98043-A7106-L1

3 Siemens 6SE7090-0XX87-4AH0

4 Siemens C98043-A7109-L100

5 Siemens 6RY1803-0CM20

6 Siemens C98043-A7107-L4

7 Siemens 6RY1803-0DB02

8 Siemens 6SL3200-0SP06-0AA0

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	SIMOVERT MASTERDRIVES
02	72 A, 380–460 V MASTERDRIVES device
03	Documented connectors, terminals and protective-earth path
04	Approved firmware, parameter or project record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES
Interface role	power-output module replacement
Field / power context	72 A, 380–460 V MASTERDRIVES device
Commissioning evidence	Identity, interfaces, configuration, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 6SE7027-2ED84-1HF5 marking, SIMOVERT MASTERDRIVES PEU4 Power Output Module designation and the recorded
- 2

Place the drive, motor and connected process in the approved maintenance state.
- 3

Isolate incoming and auxiliary power, prove stored DC-link energy discharged and use ESD controls.
- 4

Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Module designation	PEU4 power output module	Product status	Discontinued product
Matched device current	72 A	Service status	Conditional repair service
Supply class	3 AC 380–460 V		

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ENGINEERING BOUNDARY

Confirm 6SE7027-2ED84-1HF5, the complete SIMOVERT MASTERDRIVES host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 6SE7027-2ED84-1HF5 marking, SIMOVERT MASTERDRIVES PEU4 Power Output Module designation and the
- 2

Place the drive, motor and connected process in the approved maintenance state.
- 3

Isolate incoming and auxiliary power, prove stored DC-link energy discharged and use ESD controls.
- 4

Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

Applications and Engineering Context

SIMOVERT MASTERDRIVES planned maintenance

Restores the documented power-output module replacement during controlled cabinet service.

SIMOVERT MASTERDRIVES PEU4 Power Output Module replacement

Uses the exact 6SE7027-2ED84-1HF5 identity instead of a nearby electrical or firmware execution.

Drive-system refurbishment

Preserves the recorded hardware, connections, protective earth, cooling and configuration.

Controlled recommissioning

Confirms diagnostics and the affected drive role before automatic operation.

TECHNICAL NOTE

Install 6SE7027-2ED84-1HF5 only in the documented 72 A, 380–460 V MASTERDRIVES device. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected power-output module replacement under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6SE7027-2ED84-1HF5 recorded
Host / carrier	SIMOVERT MASTERDRIVES
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms power-output module replacement

IMPORTANT NOTICE

Confirm 6SE7027-2ED84-1HF5, the complete SIMOVERT MASTERDRIVES host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 6RY1803-0DA03

View Siemens 6RY1803-0DA03 page

2

Siemens C98043-A7106-L1

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8

Siemens GSL3200-0SP06-0AA0

View Siemens GSL3200-0SP06-0AA0 page

MANUFACTURER SOURCE RECORD

Siemens SiePortal product record for 6SE7027-2ED84-1HF5 | Siemens official product and family documentation, accessed 24 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.