

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.

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
SIMOVERT MASTERDRIVES

PART
6SE7027-2ED84-1HF5

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

6SE7027-2ED84-1HF5 provides power-output module replacement for the matched SIMOVERT MASTERDRIVES installation.

- Exact article identity 6SE7027-2ED84-1HF5
- SIMOVERT MASTERDRIVES PEU4 Power Output Module
- Documented role: power-output module replacement
- Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES					
1	Siemens 6RY1803-0DB02	2	Siemens 6SL3200-0SP06-0AA0	3	Siemens 6RY1803-0DA03
4	Siemens C98043-A7106-L1	5	Siemens 6SE7090-0XX87-4AH0	6	Siemens C98043-A7109-L100
7	Siemens 6RY1803-0CM20	8	Siemens C98043-A7107-L4		

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximator Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to the 72 A, 380–460 V MASTERDRIVES device, its connectors and the recorded configuration. Commissioning preserves the installed architecture and verifies controlled drive response.

TECHNICAL DATA

PARAMETER	VALUE
Module designation	PEU4 power output module
Matched device current	72 A
Supply class	3 AC 380–460 V

PARAMETER	VALUE
Product status	Discontinued product
Service status	Conditional repair service

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4 Siemens C98043-A7106-L1

5 Siemens 6SE7090-0XX87-4AH0

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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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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.

PRODUCT PRECAUTIONS

1

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

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

5

Verify the installed host and all official values documented for 6SE7027-2ED84-1HF5; do not infer

6

Restore the approved hardware revision, connectors, cooling path and parameter or project record.

7

Energize in the manufacturer sequence and review drive, module and communication diagnostics.

8

Complete controlled interlock, feedback and safe-point functional tests before service release.

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1

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ENGINEER FAQ

Q1 How is the exact 6SE7027-2ED84-1HF5 execution identified?

Match the complete 6SE7027-2ED84-1HF5 article number, SIMOVERT MASTERDRIVES PEU4 Power Output Module designation and the recorded host position before replacement.

Q2 What documented function does 6SE7027-2ED84-1HF5 perform?

It provides power-output module replacement within the SIMOVERT MASTERDRIVES arrangement.

Q3 Which installed hardware must be matched before fitting 6SE7027-2ED84-1HF5?

Use only the 72 A, 380–460 V MASTERDRIVES device with matching terminals, connectors, hardware revision and system record.

Q4 Which official values govern 6SE7027-2ED84-1HF5?

Module designation: PEU4 power output module; Matched device current: 72 A; Supply class: 3 AC 380–460 V; Product status: Discontinued product.

Q5 What must be recorded before removing 6SE7027-2ED84-1HF5?

Record the nameplate, board position, every power and signal connection, shielding, protective earth, firmware or parameter state and active diagnostics.

Q6 Which handling controls apply to 6SE7027-2ED84-1HF5?

Place the drive and machine in the approved maintenance state, isolate all supplies, prove stored energy discharged and use ESD controls.

Q7 How is 6SE7027-2ED84-1HF5 verified after installation?

Restore the documented hardware and configuration, review diagnostics and complete a controlled safe-point functional test of the affected drive role.

Q8 Which manufacturer record supports the 6SE7027-2ED84-1HF5 page?

The Siemens SiePortal product record for 6SE7027-2ED84-1HF5 and directly applicable Siemens family manual support the stated identity, function and commissioning boundaries.

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

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