

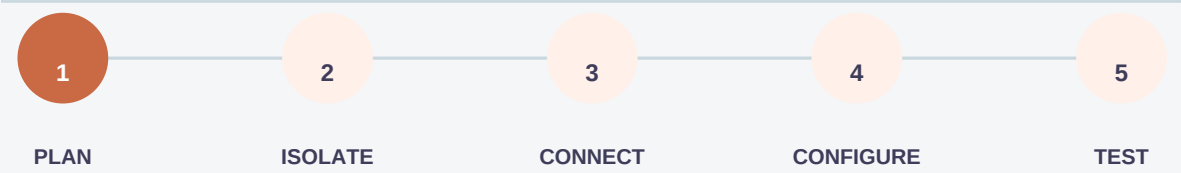
6SE7027-2ED84-1HF5

SIMOVERT MASTERDRIVES PEU4 Power Output Module

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6SE7027-2ED84-1HF5
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

1

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

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.

5

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

MATCHED HARDWARE

- 6SE7027-2ED84-1HF5 with complete article identity
- 72 A, 380–460 V MASTERDRIVES device
- Documented power, signal and feedback interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6SE7027-2ED84-1HF5 recorded
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

02 WIRING & INTERFACE CHECKS

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

RELATED PRODUCT PAGES

1 Siemens C98043-A7109-L100

2 Siemens 6RY1803-0CM20

3 Siemens C98043-A7107-L4

4 Siemens 6RY1803-0DB02

5 Siemens 6SL3200-0SP06-0AA0

6 Siemens 6RY1803-0DA03

7 Siemens C98043-A7106-L1

8 Siemens 6SE7090-0XX87-4AH0

FIELD NOTE

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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6SE7027-2ED84-1HF5
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

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify the installed host and all official values documented for 6SE7027-2ED84-1HF5; do not infer adjacent executions.
- ☐
- Restore the approved hardware revision, connectors, cooling path and parameter or project record.
- ☐
- Energize in the manufacturer sequence and review drive, module and communication diagnostics.
- ☐
- Complete controlled interlock, feedback and safe-point functional tests before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	6SE7027-2ED84-1HF5
INSTALLED POSITION	72 A, 380–460 V MASTERDRIVES device
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐
- Verify the installed host and all official values documented for 6SE7027-2ED84-1HF5; do not infer adjacent executions.
- ☐
- Restore the approved hardware revision, connectors, cooling path and parameter or project record.
- ☐
- Energize in the manufacturer sequence and review drive, module and communication diagnostics.
- ☐
- Complete controlled interlock, feedback and safe-point functional tests before service release.

SOURCE IDENTIFIERS

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