

INDUSTRIAL AUTOMATION PRODUCT

A5E00282044

SIMOVERT MASTERDRIVES PSU2 Power Supply Module

Siemens A5E00282044 is the internal article identifier associated with the SIMOVERT MASTERDRIVES PSU2 power supply module, order number 6SE7038-6GL84-1JA1. It supplies the documented internal control-power position in compatible design J through M units.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Part number	A5E00282044
Product role	Retains the exact A5E00282044 internal article identity
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Before removing A5E00282044, confirm the 6SE7038-6GL84-1JA1 PSU2 position, device design and every power and control connector.

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A5E00282044

INSTALLATION IDENTITY SAFEGUARDS

HOST MATCH	SIMOVERT MASTERDRIVES
ARTICLE CONTROL	Retain the complete A5E00282044 marking and board position.
CONNECTION RECORD	Photograph and label every affected power, control, grounding and cooling interface.
RELEASE EVIDENCE	Record isolation, diagnostics, configuration comparison and controlled functional test results.

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Internal article identifier	A5E00282044	Product type	Power supply module
Siemens order number	6SE7038-6GL84-1JA1	Drive family	SIMOVERT MASTERDRIVES
Module designation	PSU2	Compatible device designs	J through M

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SIMOVERT MASTERDRIVES
Primary system role	Retains the exact A5E00282044 internal article identity
Connection boundary	Before removing A5E00282044, confirm the 6SE7038-6GL84-1JA1 PSU2 position, device design and every power and control connector.
Controlled acceptance duty	MASTERDRIVES PSU2 replacement

ENGINEERING BOUNDARY

Confirm A5E00282044, 6SE7038-6GL84-1JA1, PSU2, compatible MASTERDRIVES design J through M, connector assignments, isolation, grounding, cooling and controlled diagnostic results before commissioning.

Pre-Installation Checks

1	Confirm A5E00282044, order number 6SE7038-6GL84-1JA1, PSU2 and the installed device design.	2	Place the drive and connected machine in the approved maintenance state.
3	Isolate incoming power and prove the DC link and internal control supplies discharged.	4	Record the PSU2 mounting position and every power, control and grounding connection.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	A5E00282044
Installed host	SIMOVERT MASTERDRIVES
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Siemens A5E00282044 is the internal article identifier associated with the SIMOVERT MASTERDRIVES PSU2 power supply module, order number 6SE7038-6GL84-1JA1. It supplies the documented internal control-power position in compatible design J through M units.

FUNCTION 1

Retains the exact A5E00282044 internal article identity

FUNCTION 2

Maps to Siemens order number 6SE7038-6GL84-1JA1

FUNCTION 3

Performs the documented PSU2 control-power role

FUNCTION 4

Applies to supported MASTERDRIVES designs J through M

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SIMOVERT MASTERDRIVES
2	6SE7038-6GL84-1JA1
3	MASTERDRIVES PSU2 replacement
4	Before removing A5E00282044, confirm the 6SE7038-6GL84-1JA1 PSU2 position, device design and every power and control connector.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMOVERT MASTERDRIVES
Interface role	Retains the exact A5E00282044 internal article identity
Field / power context	The module is matched to a SIMOVERT MASTERDRIVES unit with a supported J through M design and the documented PSU2 position.
Commissioning evidence	Complete interlock, direction and controlled machine-function checks before service release.

Installation and Connection Checks

- 1

Use ESD controls and preserve protective bonding, insulation clearances and cooling paths.
- 2

Restore the exact PSU2 position and all documented connections without changing the drive configuration.
- 3

Review internal supply, control and drive diagnostics during controlled energization.
- 4

Complete interlock, direction and controlled machine-function checks before service release.

MANUFACTURER SOURCE RECORD

SIMOVERT MASTERDRIVES Operating Instructions
05/2006, 6SE7087-6KN60

Applications and Engineering Context

MASTERDRIVES PSU2 replacement

Restores the documented internal power-supply position in a compatible unit.

Legacy drive cabinet service

Supports controlled maintenance of phased-out MASTERDRIVES hardware.

Control-power fault isolation

Provides the exact PSU2 identity used during internal supply diagnostics.

Drive recommissioning

Supports a documented connection and diagnostic check after module service.

TECHNICAL NOTE

Before removing A5E00282044, confirm the 6SE7038-6GL84-1JA1 PSU2 position, device design and every power and control connector.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	A5E00282044 recorded
Host / carrier	SIMOVERT MASTERDRIVES
Physical interface	Retains the exact A5E00282044 internal article identity
Configuration	Review internal supply, control and drive diagnostics during controlled energization.
Functional proof	Complete interlock, direction and controlled machine-function checks before service release.

IMPORTANT NOTICE

Confirm A5E00282044, 6SE7038-6GL84-1JA1, PSU2, compatible MASTERDRIVES design J through M, connector assignments, isolation, grounding, cooling and controlled diagnostic results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	A5E00282044
Approved role	MASTERDRIVES PSU2 replacement
Final validation	Complete interlock, direction and controlled machine-function checks before service release.

Engineering Precautions

1	Confirm A5E00282044, order number 6SE7038-6GL84-1JA1, PSU2 and the installed device design.	2	Place the drive and connected machine in the approved maintenance state.
3	Isolate incoming power and prove the DC link and internal control supplies discharged.	4	Record the PSU2 mounting position and every power, control and grounding connection.
5	Use ESD controls and preserve protective bonding, insulation clearances and cooling paths.	6	Restore the exact PSU2 position and all documented connections without changing the drive configuration.
7	Review internal supply, control and drive diagnostics during controlled energization.	8	Complete interlock, direction and controlled machine-function checks before service release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Siemens	6RY1243-0EA00 product page	View Siemens page
Siemens	6SE7027-2TD84-6HF3 product page	View Siemens page
Siemens	6RY1803-0AA25-0AA1 product page	View Siemens page
Siemens	6SE7035-1EJ84-1JC1 product page	View Siemens page
Siemens	6SE7033-7EG84-1JF1 product page	View Siemens page
Siemens	6SL3352-6TG38-8AA3 product page	View Siemens page
Siemens	6SE7041-2WL84-1JC1 product page	View Siemens page
Siemens	6SL3120-2TE21-8AC0 product page	View Siemens page

MANUFACTURER SOURCE RECORD

SIMOVERT MASTERDRIVES Operating Instructions
05/2006, 6SE7087-6KN60

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