

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.

BRAND	Siemens	FAMILY	SIMOVERT MASTERDRIVES
PART	A5E00282044	SYSTEM ROLE	Retains the exact A5E00282044 internal article identity

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A5E00282044

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SIMOVERT MASTERDRIVES
Primary interface	Retains the exact A5E00282044 internal article identity
Engineering context	The module is matched to a SIMOVERT MASTERDRIVES unit with a supported J through M design and the documented PSU2 position. Installation and return-to-service checks follow the applicable Siemens MASTERDRIVES operating instructions.
Commissioning duty	Complete interlock, direction and controlled machine-function checks before service release.

TECHNICAL NOTE

Before removing A5E00282044, confirm the 6SE7038-6GL84-1JA1 PSU2 position, device design and every power and control connector. Follow the MASTERDRIVES isolation sequence, restore the documented module position and verify internal supply and drive diagnostics before enabling operation.

Technical Data

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

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

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.

Applications and Precautions

Common Applications

MASTERDRIVES PSU2 replacement

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

Control-power fault isolation

Provides the exact PSU2 identity used during internal supply diagnostics.

Legacy drive cabinet service

Supports controlled maintenance of phased-out MASTERDRIVES hardware.

Drive recommissioning

Supports a documented connection and diagnostic check after module service.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	A5E00282044
Configuration	Review internal supply, control and drive diagnostics during controlled energization.
Functional release	Complete interlock, direction and controlled machine-function checks before service release.

Engineer FAQ

Q1 How should the complete A5E00282044 identity be verified before replacement?

Confirm A5E00282044, order number 6SE7038-6GL84-1JA1, PSU2 and the installed device design.

Q3 What isolation sequence applies before disconnecting A5E00282044?

Place the drive and connected machine in the approved maintenance state. Isolate incoming power and prove the DC link and internal control supplies discharged.

Q5 How should ESD, grounding and cooling be controlled when handling A5E00282044?

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

Q7 Which diagnostics should be reviewed during A5E00282044 recommissioning?

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

Q2 Which Siemens drive family must be checked before installing A5E00282044?

The module is matched to a SIMOVERT MASTERDRIVES unit with a supported J through M design and the documented PSU2 position. Installation and return-to-service checks follow the applicable Siemens MASTERDRIVES operating instructions.

Q4 Which connections should be recorded before removing A5E00282044?

Record the PSU2 mounting position and every power, control and grounding connection.

Q6 How is the approved configuration restored after fitting A5E00282044?

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

Q8 What acceptance test is required before A5E00282044 returns to service?

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

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