

# 6RY1243-0EA00

## Siemens Gating Board

Siemens 6RY1243-0EA00 is a gating board identified by C98043-A1603-L11 for a documented legacy DC-drive installation. It restores the specified control or power-interface function inside the matched Siemens drive assembly.

|       |               |             |                                                             |
|-------|---------------|-------------|-------------------------------------------------------------|
| BRAND | Siemens       | FAMILY      | Siemens SINAMICS or SIMOVERT drive power-electronics system |
| PART  | 6RY1243-0EA00 | SYSTEM ROLE | Provides the documented gating board function               |

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6RY1243-0EA00

### MANUFACTURER SOURCE RECORD

Siemens product record for 6RY1243-0EA00  
Siemens SiePortal / Industry Mall product record and applicable drive equipment manual

# Product Overview

## SYSTEM FUNCTION

Siemens 6RY1243-0EA00 is a gating board identified by C98043-A1603-L11 for a documented legacy DC-drive installation. It restores the specified control or power-interface function inside the matched Siemens drive assembly.

### FUNCTION 1

Provides the documented gating board function

### FUNCTION 2

Keeps 6RY1243-0EA00 as the controlled identity

### FUNCTION 3

Matches the approved drive hardware position

### FUNCTION 4

Supports controlled diagnostic verification

## System Components

| COMPONENT           | DOCUMENTED ROLE                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host / carrier      | Siemens SINAMICS or SIMOVERT drive power-electronics system                                                                                                                                                                                                                                         |
| Primary interface   | Provides the documented gating board function                                                                                                                                                                                                                                                       |
| Engineering context | 6RY1243-0EA00 is serviced only in the documented Siemens drive position with its matching host hardware, connectors, cooling and protective-ground arrangement. Commissioning preserves the as-found configuration and verifies identity, connections, diagnostics and the affected drive function. |
| Commissioning duty  | Complete controlled interlock, output and machine-function tests before returning the drive to service.                                                                                                                                                                                             |

## TECHNICAL NOTE

Before removing 6RY1243-0EA00, record the complete drive identity, hardware version, mating connectors, power interfaces, grounding and configuration. Restore the exact Siemens arrangement, review diagnostics and complete controlled drive and machine tests before release.

# Technical Data

| PARAMETER      | VALUE         | PARAMETER        | VALUE              |
|----------------|---------------|------------------|--------------------|
| Article number | 6RY1243-0EA00 | Board reference  | C98043-A1603-L11   |
| Component      | Gating board  | Migration family | SINAMICS DC MASTER |

## Related Products on Apter Power

| MODEL              | SYSTEM ROLE              | APTER POWER PAGE                             |
|--------------------|--------------------------|----------------------------------------------|
| 6SL3362-0AG00-0AA1 | SINAMICS component       | <a href="#">View 6SL3362-0AG00-0AA1 page</a> |
| 6SL3055-0AA00-5CA2 | SMC30 Sensor Module      | <a href="#">View 6SL3055-0AA00-5CA2 page</a> |
| 6SL3120-1TE21-8AA4 | Single Motor Module      | <a href="#">View 6SL3120-1TE21-8AA4 page</a> |
| 6SL3120-1TE21-8AA3 | Single Motor Module      | <a href="#">View 6SL3120-1TE21-8AA3 page</a> |
| 6SL3100-0BE23-6AB0 | Active Interface Module  | <a href="#">View 6SL3100-0BE23-6AB0 page</a> |
| 6SL3246-0BA22-1FA0 | CU250S-2 PN Control Unit | <a href="#">View 6SL3246-0BA22-1FA0 page</a> |
| 6SL3120-2TE21-0AA4 | Motor Module             | <a href="#">View 6SL3120-2TE21-0AA4 page</a> |
| 6SL3320-1TE33-1AA3 | Motor Module             | <a href="#">View 6SL3320-1TE33-1AA3 page</a> |

### ENGINEERING BOUNDARY

Confirm 6RY1243-0EA00, the complete Siemens drive type, hardware revision, gating board position, connectors and terminals, DC-link isolation, cooling, protective grounding, firmware, parameter set and controlled interlock and functional-test results before commissioning.

# Applications and Precautions

## Common Applications

### 6RY1243-0EA00 installed-system service

Restores the documented gating board position without changing the approved Siemens SINAMICS or SIMOVERT drive power-electronics system architecture.

### 6RY1243-0EA00 controlled replacement

Uses exact identity and hardware records to prevent a neighboring execution from entering the installation.

### 6RY1243-0EA00 cabinet refurbishment

Preserves the recorded connector, terminal and protective-ground arrangement during planned maintenance.

### 6RY1243-0EA00 recommissioning

Provides the product-specific reference for diagnostic review and functional acceptance before release.

## Product Precautions

- 1

Confirm the complete 6RY1243-0EA00 marking and installed drive record before work.
- 2

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

Isolate incoming power and prove the DC link and all stored energy discharged.
- 4

Record every connector, terminal, busbar, cable and protective-earth position before removal.
- 5

Use ESD controls and protect all board and module interfaces from contamination or mechanical load.
- 6

Install only the documented gating board execution and restore the recorded hardware arrangement.
- 7

Restore the approved firmware, parameters and project configuration, then review all drive diagnostics.
- 8

Complete controlled interlock, output and machine-function tests before returning the drive to service.

## IMPORTANT NOTICE

Confirm 6RY1243-0EA00, the complete Siemens drive type, hardware revision, gating board position, connectors and terminals, DC-link isolation, cooling, protective grounding, firmware, parameter set and controlled interlock and functional-test results before commissioning.

| ACCEPTANCE CHECK   | REQUIRED EVIDENCE                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------|
| Identity           | 6RY1243-0EA00                                                                                           |
| Configuration      | Restore the approved firmware, parameters and project configuration, then review all drive diagnostics. |
| Functional release | Complete controlled interlock, output and machine-function tests before returning the drive to service. |

## Engineer FAQ

### Q1 Which official identity detail distinguishes 6RY1243-0EA00 during receiving inspection?

For 6RY1243-0EA00, the official source identifies article number as 6RY1243-0EA00. Confirm the same value in the installed record before work.

### Q3 How does the published board reference affect selection of 6RY1243-0EA00?

For 6RY1243-0EA00, the official source identifies board reference as C98043-A1603-L11. Confirm the same value in the installed record before work.

### Q5 Where does 6RY1243-0EA00 fit in the approved installed system arrangement?

For 6RY1243-0EA00, the official source identifies installed system as Siemens SINAMICS or SIMOVERT drive power-electronics system. Confirm the same value in the installed record before work.

### Q7 Which diagnostic sequence should follow controlled energization of 6RY1243-0EA00?

Restore the approved firmware, parameters and project configuration, then review all drive diagnostics.

### Q2 What documented component must be matched before 6RY1243-0EA00 is installed?

For 6RY1243-0EA00, the official source identifies component as Gating board. Confirm the same value in the installed record before work.

### Q4 Which migration family condition must remain unchanged when replacing 6RY1243-0EA00?

For 6RY1243-0EA00, the official source identifies migration family as SINAMICS DC MASTER. Confirm the same value in the installed record before work.

### Q6 What connection evidence should be retained before disconnecting 6RY1243-0EA00?

Record every connector, terminal, busbar, cable and protective-earth position before removal. Use ESD controls and protect all board and module interfaces from contamination or mechanical load.

### Q8 What functional result is required before 6RY1243-0EA00 returns to service?

Complete controlled interlock, output and machine-function tests before returning the drive to service.

## MANUFACTURER SOURCE RECORD

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