

INDUSTRIAL AUTOMATION PRODUCT

6RY1803-0CM20

Power Interface coated execution

Siemens 6RY1803-0CM20 is a power-interface spare part identified as option coated execution with board reference C98043-A7109-L100. It restores the documented interface position in the matched Siemens drive assembly.

| IDENTITY      | VERIFIED VALUE                                                     |
|---------------|--------------------------------------------------------------------|
| Manufacturer  | Siemens                                                            |
| System family | Siemens drive power-interface spare-part system                    |
| Part number   | 6RY1803-0CM20                                                      |
| Product role  | Provides the documented power-interface coated execution execution |
| 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 6RY1803-0CM20, record the complete marking, installed position, mating hardware, connectors, wiring and configured function. Restore the documented Siemens arrangement, review diagnostics and complete a controlled functional test before release.

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6RY1803-0CM20

# Technical Specifications

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

| PARAMETER      | VALUE            | PARAMETER       | VALUE             |
|----------------|------------------|-----------------|-------------------|
| Article number | 6RY1803-OCM20    | Board reference | C98043-A7109-L100 |
| Component      | Power Interface  | Product role    | Drive spare part  |
| Option         | coated execution |                 |                   |

## Verified Product Record

| DATA GROUP                 | VERIFIED VALUE                                                                                                                                                                                                                                                        |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installed host / carrier   | Siemens drive power-interface spare-part system                                                                                                                                                                                                                       |
| Primary system role        | Provides the documented power-interface coated execution execution                                                                                                                                                                                                    |
| Connection boundary        | Before removing 6RY1803-OCM20, record the complete marking, installed position, mating hardware, connectors, wiring and configured function. Restore the documented Siemens arrangement, review diagnostics and complete a controlled functional test before release. |
| Controlled acceptance duty | Drive power-interface replacement                                                                                                                                                                                                                                     |

### ENGINEERING BOUNDARY

Confirm 6RY1803-OCM20, coated execution, C98043-A7109-L100, installed Siemens drive type, hardware revision, connectors, control wiring, protective grounding, cooling, firmware, parameters and controlled diagnostic and functional-test results before commissioning.

## Pre-Installation Checks

|   |                                                                                                      |   |                                                                                |
|---|------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------|
| 1 | Confirm 6RY1803-OCM20, coated execution and C98043-A7109-L100 on the supplied and installed records. | 2 | Place the drive and associated machine in the approved maintenance state.      |
| 3 | Isolate incoming power and prove all stored DC energy discharged.                                    | 4 | Photograph and label every board connector and interface cable before removal. |

## Documented Service Record

| RECORD ITEM        | REQUIRED ENTRY                                  |
|--------------------|-------------------------------------------------|
| As-found article   | 6RY1803-OCM20                                   |
| Installed host     | Siemens drive power-interface spare-part system |
| Connection record  | Capture before removal                          |
| Controlled release | Diagnostics and functional proof                |

# System Role and Architecture

Siemens 6RY1803-OCM20 is a power-interface spare part identified as option coated execution with board reference C98043-A7109-L100. It restores the documented interface position in the matched Siemens drive assembly.

**FUNCTION 1**  
  
Provides the documented power-interface coated execution execution

**FUNCTION 2**  
  
Uses board reference C98043-A7109-L100 for identity control

**FUNCTION 3**  
  
Restores the matched drive interface position

**FUNCTION 4**  
  
Supports controlled service of the installed Siemens drive

## Matched System Components

| NO. | DOCUMENTED COMPONENT / ROLE                                                                                                                                                                                                                                           |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Siemens drive power-interface spare-part system                                                                                                                                                                                                                       |
| 2   | Power Interface                                                                                                                                                                                                                                                       |
| 3   | Drive power-interface replacement                                                                                                                                                                                                                                     |
| 4   | Before removing 6RY1803-OCM20, record the complete marking, installed position, mating hardware, connectors, wiring and configured function. Restore the documented Siemens arrangement, review diagnostics and complete a controlled functional test before release. |

## System Integration Record

| INTEGRATION ITEM       | DOCUMENTED ROLE                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host identity          | Siemens drive power-interface spare-part system                                                                                                                                                                                                                                                                 |
| Interface role         | Provides the documented power-interface coated execution execution                                                                                                                                                                                                                                              |
| Field / power context  | 6RY1803-OCM20 is serviced only in the documented Siemens drive power-interface spare-part system arrangement with its matching host, connector set and cabinet interfaces. Commissioning preserves the as-found configuration and verifies identity, connections, diagnostics and the affected system function. |
| Commissioning evidence | Verify the affected drive function and interlocks before returning the machine to service.                                                                                                                                                                                                                      |

## Installation and Connection Checks

1

Use ESD controls and inspect mating connectors, board guides and grounding.

2

Restore only the documented coated execution execution and C98043-A7109-L100 connector arrangement.

3

Review drive and interface diagnostics after controlled energization.

4

Verify the affected drive function and interlocks before returning the machine to service.

**MANUFACTURER SOURCE RECORD**  
  
Siemens product record for 6RY1803-OCM20  
Siemens Industry Mall catalog D23.1LDSP / COMPAS product record

# Applications and Engineering Context

**Drive power-interface replacement**  
  
Restores the exact interface option recorded for the installed drive.

**Legacy Siemens drive service**  
  
Preserves the documented board identity during cabinet maintenance.

**Drive cabinet refurbishment**  
  
Provides the model and board-reference pair used for connection verification.

**Controlled drive recommissioning**  
  
Supports identity, connector and diagnostic checks before motor operation.

## TECHNICAL NOTE

Before removing 6RY1803-0CM20, record the complete marking, installed position, mating hardware, connectors, wiring and configured function. Restore the documented Siemens arrangement, review diagnostics and complete a controlled functional test before release.

## Model-Specific Acceptance Evidence

| CHECK              | ACCEPTANCE CONDITION                                                                       |
|--------------------|--------------------------------------------------------------------------------------------|
| Identity           | 6RY1803-0CM20 recorded                                                                     |
| Host / carrier     | Siemens drive power-interface spare-part system                                            |
| Physical interface | Provides the documented power-interface coated execution execution                         |
| Configuration      | Review drive and interface diagnostics after controlled energization.                      |
| Functional proof   | Verify the affected drive function and interlocks before returning the machine to service. |

## IMPORTANT NOTICE

Confirm 6RY1803-0CM20, coated execution, C98043-A7109-L100, installed Siemens drive type, hardware revision, connectors, control wiring, protective grounding, cooling, firmware, parameters and controlled diagnostic and functional-test results before commissioning.

## Controlled Release Summary

| RELEASE ITEM     | MODEL-SPECIFIC CONDITION                                                                   |
|------------------|--------------------------------------------------------------------------------------------|
| Article identity | 6RY1803-0CM20                                                                              |
| Approved role    | Drive power-interface replacement                                                          |
| Final validation | Verify the affected drive function and interlocks before returning the machine to service. |

# Engineering Precautions

- 1

Confirm 6RY1803-0CM20, coated execution and C98043-A7109-L100 on the supplied and installed records.
- 2

Place the drive and associated machine in the approved maintenance state.
- 3

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

Photograph and label every board connector and interface cable before removal.
- 5

Use ESD controls and inspect mating connectors, board guides and grounding.
- 6

Restore only the documented coated execution execution and C98043-A7109-L100 connector arrangement.
- 7

Review drive and interface diagnostics after controlled energization.
- 8

Verify the affected drive function and interlocks before returning the machine to service.

## Related Products on Apter Power

| MODEL              | SYSTEM ROLE           | APTER POWER PAGE                             |
|--------------------|-----------------------|----------------------------------------------|
| 6SE7041-8EK85-0HA0 | PER3 interface        | <a href="#">View 6SE7041-8EK85-0HA0 page</a> |
| 6SE7041-8GK85-0HA0 | PER3 interface        | <a href="#">View 6SE7041-8GK85-0HA0 page</a> |
| 6RA8075-6DS22-0AA0 | SINAMICS DC converter | <a href="#">View 6RA8075-6DS22-0AA0 page</a> |
| 6ES7314-6BH04-0AB0 | S7-300 CPU            | <a href="#">View 6ES7314-6BH04-0AB0 page</a> |
| 6ES7223-1BL22-0XA0 | S7-200 I/O module     | <a href="#">View 6ES7223-1BL22-0XA0 page</a> |
| 6AU1455-2AD00-0AA0 | SIMOTION controller   | <a href="#">View 6AU1455-2AD00-0AA0 page</a> |
| 6SL3120-2TE21-0AA4 | SINAMICS Motor Module | <a href="#">View 6SL3120-2TE21-0AA4 page</a> |
| 6SL3320-1TE33-1AA3 | SINAMICS Motor Module | <a href="#">View 6SL3320-1TE33-1AA3 page</a> |

MANUFACTURER SOURCE RECORD

Siemens product record for 6RY1803-0CM20  
Siemens Industry Mall catalog D23.1LDSP / COMPAS product record

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