

INDUSTRIAL AUTOMATION PRODUCT

6RY1803-0DB02

Power Interface L05

Siemens 6RY1803-0DB02 is a power-interface spare part identified as option L05 with board reference C98043-A7107-L4. 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	6RY1803-0DB02
Product role	Provides the documented power-interface L05 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 6RY1803-0DB02, 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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



6RY1803-0DB02

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Article number	6RY1803-0DB02	Board reference	C98043-A7107-L4
Component	Power Interface	Product role	Drive spare part
Option	L05		

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 L05 execution
Connection boundary	Before removing 6RY1803-0DB02, 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 6RY1803-0DB02, L05, C98043-A7107-L4, 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 6RY1803-0DB02, L05 and C98043-A7107-L4 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	6RY1803-0DB02
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 6RY1803-0DB02 is a power-interface spare part identified as option L05 with board reference C98043-A7107-L4. It restores the documented interface position in the matched Siemens drive assembly.

FUNCTION 1

Provides the documented power-interface L05 execution

FUNCTION 2

Uses board reference C98043-A7107-L4 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 6RY1803-0DB02, 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 L05 execution
Field / power context	6RY1803-0DB02 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 L05 execution and C98043-A7107-L4 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 6RY1803-0DB02
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 6RY1803-0DB02, 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	6RY1803-0DB02 recorded
Host / carrier	Siemens drive power-interface spare-part system
Physical interface	Provides the documented power-interface L05 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 6RY1803-0DB02, L05, C98043-A7107-L4, 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	6RY1803-0DB02
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 6RY1803-0DB02, L05 and C98043-A7107-L4 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 L05 execution and C98043-A7107-L4 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
6SL3120-2TE21-0AA4	SINAMICS Motor Module	View 6SL3120-2TE21-0AA4 page
6SL3320-1TE33-1AA3	SINAMICS Motor Module	View 6SL3320-1TE33-1AA3 page
6SL3362-0AG00-0AA1	SINAMICS component	View 6SL3362-0AG00-0AA1 page
6SL3352-1AE37-5BA1	replacement power block	View 6SL3352-1AE37-5BA1 page
6SL3200-0SP01-0AA0	CIM PM-IF assembly	View 6SL3200-0SP01-0AA0 page
6SE7041-8HK85-1HA0	PER2 interface	View 6SE7041-8HK85-1HA0 page
6SE7041-8EK85-0HA0	PER3 interface	View 6SE7041-8EK85-0HA0 page
6SE7041-8GK85-0HA0	PER3 interface	View 6SE7041-8GK85-0HA0 page

MANUFACTURER SOURCE RECORD

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