6SL3200-0SP01-0AA0

Siemens SINAMICS CIM PM-IF Assembly for PM240 FSGX

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

6SL3200-0SP01-0AA0 is a Siemens SINAMICS CIM PM-IF spare assembly for the PM240 Power Module in frame size FSGX. The assembly combines the CIB, power-supply board and mounting plate for the documented power-module interface position.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact Siemens article.

APTER POWER SALES TEAM

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

6SL3200-0SP01-0AA0

Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

1. Confirm the full 6SL3200-0SP01-0AA0 article number and CIM PM-IF designation.
2. Verify the installed host is a SINAMICS PM240 in frame size FSGX.
3. Isolate incoming power and prove the DC link discharged before cabinet access.
4. Record CIB, power-supply, terminal and optical connections before removal.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	6SL3200-0SP01-0AA0
Host / carrier	SINAMICS PM240
Primary system role	Combines the named CIB interface component
Acceptance boundary	Complete recognition, power-supply and PM240 diagnostic checks before enabling the motor.
Source record	Siemens SiePortal product record for 6SL3200-0SP01-0AA0

WORK AUTHORIZATION RECORD

Work order: _____ Drawing / revision: _____
Checked by: _____ Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

Install 6SL3200-0SP01-0AA0 only in the matching PM240 FSGX power module and retain the documented CIB, power-supply and mounting-plate relationship. Record every electrical and optical connection before removal, then verify recognition and power-module diagnostics after controlled energization.

1. Keep the mounting plate, fasteners and insulation arrangement with the approved assembly.
2. Use ESD-safe handling for the CIB and power-supply-board electronics.
3. Restore the approved drive configuration without changing unrelated parameters.
4. Complete recognition, power-supply and PM240 diagnostic checks before enabling the motor.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

Confirm 6SL3200-0SP01-0AA0, CIM PM-IF, PM240 FSGX host, installed hardware version, CIB and power-supply connections, optical and terminal wiring, mounting plate, grounding, firmware, drive configuration and staged diagnostic results before commissioning.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	6SL3200-0SP01-0AA0
Host match	SINAMICS PM240
Connection proof	Use ESD-safe handling for the CIB and power-supply-board electronics.
Configuration proof	Restore the approved drive configuration without changing unrelated parameters.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

Complete recognition, power-supply and PM240 diagnostic checks before enabling the motor.

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

PM240 FSGX interface restoration

Replaces the documented CIM PM-IF assembly as one controlled service set.

Power-module electronics overhaul

Preserves the CIB and power-supply-board relationship during planned cabinet maintenance.

FSGX drive cabinet repair

Provides the official spare identity for the matching PM240 frame-size execution.

Post-fault interface validation

Supports staged reconnection and diagnostic review after an electronics-module exchange.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
6SE7041-8EK85-0HA0	PER3 interface	View 6SE7041-8EK85-0HA0 page
6SE7041-8GK85-0HA0	PER3 interface	View 6SE7041-8GK85-0HA0 page
6RA8075-6DS22-0AA0	DC converter	View 6RA8075-6DS22-0AA0 page
6SE7090-0XX84-3DB1	operator panel	View 6SE7090-0XX84-3DB1 page
6SE7090-0XX84-2FA0	PMU unit	View 6SE7090-0XX84-2FA0 page
6SL3120-2TE21-0AA4	double motor module	View 6SL3120-2TE21-0AA4 page
6SL3320-1TE33-1AA3	motor module	View 6SL3320-1TE33-1AA3 page
6SL3362-0AG00-0AA1	drive component	View 6SL3362-0AG00-0AA1 page

MANUFACTURER SOURCE RECORD

Siemens SiePortal product record for 6SL3200-0SP01-0AA0
Catalog GB, PubId 10962; current article record reviewed 10 September 2026

APTER POWER SALES TEAM

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

6SL3200-0SP01-0AA0