6SL3000-0CE15-0AA0

SINAMICS Line Reactor for 5 kW Smart Line Module

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

Siemens 6SL3000-0CE15-0AA0 is a SINAMICS Line Reactor for 5 kW Smart Line Module for the SINAMICS Smart Line Module. It performs the documented line reactor for the documented 5 kW Smart Line Module input within the matched drive configuration.

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.

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Installation Readiness Gate

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

1. Confirm the complete 6SL3000-0CE15-0AA0 marking and the installed SINAMICS Smart Line Module position.
2. Place the driven machine and associated process in the approved maintenance state.
3. Isolate incoming power, prove stored DC-link energy discharged and use ESD controls.
4. Record every power, control, feedback, communication and protective-earth connection before removal.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	6SL3000-0CE15-0AA0
Host / carrier	SINAMICS Smart Line Module
Primary system role	Provides the documented line reactor for the documented 5 kW Smart Line Module input
Acceptance boundary	Complete a controlled no-load or safe-point functional test before returning the machine to service.
Source record	Siemens Industry Mall Line Reactor Datasheet

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 6SL3000-0CE15-0AA0 only in the documented SINAMICS Smart Line Module position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected line reactor for the documented 5 kW Smart Line Module input under controlled conditions.

1. Verify the installed host hardware and all values documented for 6SL3000-0CE15-0AA0 against the official source.
2. Restore the approved hardware execution, connector arrangement and project or parameter record.
3. Energize in the prescribed sequence and review drive, board and communication diagnostics.
4. Complete a controlled no-load or safe-point functional test before returning the machine to service.

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 6SL3000-0CE15-0AA0, SINAMICS Smart Line Module host, hardware revision, connectors and terminals, power class, feedback or fieldbus options, grounding, cooling, firmware or parameter set, accessories and controlled commissioning results before service release.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	6SL3000-0CE15-0AA0
Host match	SINAMICS Smart Line Module
Connection proof	Restore the approved hardware execution, connector arrangement and project or parameter record.
Configuration proof	Energize in the prescribed sequence and review drive, board and communication diagnostics.

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 a controlled no-load or safe-point functional test before returning the machine to service.

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

ACCEPTANCE AND RELEASE EVIDENCE

SINAMICS Smart Line Module planned maintenance
Restores the documented line reactor for the documented 5 kW Smart Line Module input during a controlled cabinet service.

SINAMICS Line Reactor for 5 kW Smart Line Module replacement
Uses the exact 6SL3000-0CE15-0AA0 identity to avoid an adjacent hardware execution.

Drive-system refurbishment

Preserves the recorded power, control, communication and protective-earth arrangement.

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

Maintenance Verification and Closeout

SINAMICS Smart Line Module planned maintenance

Restores the documented line reactor for the documented 5 kW Smart Line Module input during a controlled cabinet service.

SINAMICS Line Reactor for 5 kW Smart Line Module replacement

Uses the exact 6SL3000-0CE15-0AA0 identity to avoid an adjacent hardware execution.

Drive-system refurbishment

Preserves the recorded power, control, communication and protective-earth arrangement.

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
A5E00297630	product page	View A5E00297630 page
A5E36717793	product page	View A5E36717793 page
A5E36717811	product page	View A5E36717811 page
6SE7041-8HK85-1HA0	product page	View 6SE7041-8HK85-1HA0 page
6SL3200-0SP01-0AA0	product page	View 6SL3200-0SP01-0AA0 page
C98043-A1682-L1	product page	View C98043-A1682-L1 page
A5E36717803	product page	View A5E36717803 page
A5E36717808	product page	View A5E36717808 page

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Line Reactor Datasheet
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