

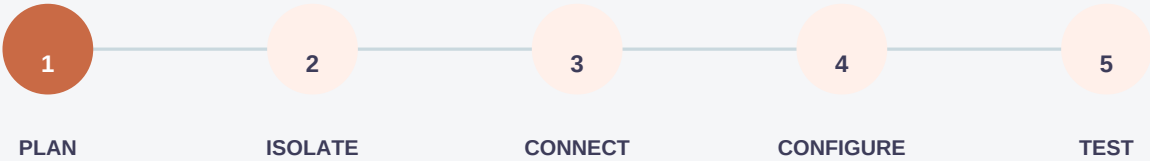
6SE7031-7HG84-1GG0

SIMOVERT MASTERDRIVES SML1 Inverter Wiring Board

CONTROLLED ENGINEERING COPY

Siemens 6SE7031-7HG84-1GG0 is the SML1 lower-unit inverter wiring board for SIMOVERT MASTERDRIVES. Replacement must preserve the complete host and connection record.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6SE7031-7HG84-1GG0
Manufacturer	Siemens
System family	SIMOVERT MASTERDRIVES
Record scope	Installation, application and verification



APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com

01 PRE-INSTALLATION PLAN

1

Confirm the complete 6SE7031-7HG84-1GG0 marking, SIMOVERT MASTERDRIVES SML1 Inverter Wiring Board designation and the recorded installation position.

2

Place the drive, motor and connected process in the approved maintenance state.

3

Isolate incoming and auxiliary power, prove stored DC-link energy discharged and use ESD controls.

4

Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

5

Verify the installed host and all official values documented for 6SE7031-7HG84-1GG0; do not infer adjacent executions.

MATCHED HARDWARE

- 6SE7031-7HG84-1GG0 with complete article identity
- documented MASTERDRIVES lower-unit hardware
- Documented power, signal and feedback interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6SE7031-7HG84-1GG0 recorded
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms lower-unit inverter wiring interface

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Module designation	SML1
Component type	Inverter wiring board
Installation position	Lower unit
Drive family	SIMOVERT MASTERDRIVES
Lifecycle	Discontinued product
Availability	Sale until zero stock

RELATED PRODUCT PAGES

1 Siemens 6SL3350-6TK00-0BA0

2 Siemens 6SL3351-1AE37-5BA1

3 Siemens 6SE7090-0XX84-3DB1

4 Siemens C98043-A7105-L4-9

5 Siemens 6SL3210-5FB10-4UF1

6 Siemens A5E36717793

7 Siemens A5E36717811

8 Siemens 6SE7041-8EK85-1HA0

FIELD NOTE

Confirm 6SE7031-7HG84-1GG0, the complete SIMOVERT MASTERDRIVES host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6SE7031-7HG84-1GG0
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms lower-unit inverter wiring interface

04 RETURN-TO-SERVICE RECORD

- ☐ Verify the installed host and all official values documented for 6SE7031-7HG84-1GG0; do not infer adjacent executions.
- ☐ Restore the approved hardware revision, connectors, cooling path and parameter or project record.
- ☐ Energize in the manufacturer sequence and review drive, module and communication diagnostics.
- ☐ Complete controlled interlock, feedback and safe-point functional tests before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	6SE7031-7HG84-1GG0
INSTALLED POSITION	documented MASTERDRIVES lower-unit hardware
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the installed host and all official values documented for 6SE7031-7HG84-1GG0; do not infer adjacent executions.
- ☐ Restore the approved hardware revision, connectors, cooling path and parameter or project record.
- ☐ Energize in the manufacturer sequence and review drive, module and communication diagnostics.
- ☐ Complete controlled interlock, feedback and safe-point functional tests before service release.

SOURCE IDENTIFIERS

Siemens SiePortal product record for 6SE7031-7HG84-1GG0 | Siemens official product and family documentation, accessed 24 September 2026