

6SE7090-0XX84-0FF5

SIMOVERT MASTERDRIVES CBP2 PROFIBUS communication module

CONTROLLED ENGINEERING COPY

Back up the drive and bus configuration, isolate the converter, preserve the PROFIBUS address and termination, then verify cyclic data, diagnostics and commanded stop behavior before restoring automatic control.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6SE7090-0XX84-0FF5
Manufacturer part	6SE7090-0XX84-0FF5
Hardware type	6SE7090-0XX84-0FF5
System family	SIMOVERT MASTERDRIVES Motion Control communications



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 6SE7090-0XX84-0FF5 marking and its documented SIMOVERT MASTERDRIVES Motion Control communications position before field work.
- 2

Place the connected equipment in the approved maintenance state before removing 6SE7090-0XX84-0FF5.
- 3

Isolate every applicable power, signal and stored-energy source, then prove a safe state at 6SE7090-0XX84-0FF5.
- 4

Record the installed connectors, terminals, jumpers and channel or node assignments before disconnection.
- 5

Use ESD controls and protect keyed interfaces, edge connectors and exposed electronic assemblies.

MATCHED HARDWARE

- SIMOVERT MASTERDRIVES Motion Control unit
- PROFIBUS master and bus cable
- approved node address and parameter set
- drive commissioning software and diagnostics

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6SE7090-0XX84-0FF5 / 6SE7090-0XX84-0FF5 recorded
Physical interface	SIMOVERT MASTERDRIVES Motion Control unit
Companion check	PROFIBUS master and bus cable
Functional proof	Adds PROFIBUS communication to the installed drive
Application test	PROFIBUS drive integration

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Article number	6SE7090-0XX84-0FF5
Module designation	CBP2
Equipment class	Communication module
Communication protocol	PROFIBUS
Host platform	SIMOVERT MASTERDRIVES Motion Control
Quantity unit	1 piece

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	SIMOVERT MASTERDRIVES Motion Control unit
Companion hardware	PROFIBUS master and bus cable
Field connection	approved node address and parameter set
Primary system function	Adds PROFIBUS communication to the installed drive
Controlled acceptance duty	PROFIBUS drive integration

FIELD NOTE

Back up the drive and bus configuration, isolate the converter, preserve the PROFIBUS address and termination, then verify cyclic data, diagnostics and commanded stop behavior before restoring automatic control.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6SE7090-0XX84-0FF5 / 6SE7090-0XX84-0FF5 recorded
Physical interface	SIMOVERT MASTERDRIVES Motion Control unit
Companion check	PROFIBUS master and bus cable
Functional proof	Adds PROFIBUS communication to the installed drive
Application test	PROFIBUS drive integration

04 RETURN-TO-SERVICE RECORD

- ☐ Restore only the approved SIMOVERT MASTERDRIVES Motion Control communications hardware arrangement and configuration after replacement.
- ☐ Energize 6SE7090-0XX84-0FF5 in the documented sequence and review local, host and network diagnostics.
- ☐ Prove the intended controlled function and retain the final acceptance record before production release.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	6SE7090-0XX84-0FF5
INSTALLED POSITION	Documented SIMOVERT MASTERDRIVES Motion Control communications position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6QN5501-0BA	Related Siemens product	View 6QN5501-0BA page
39SAMCAN-16133-71-13	Related Siemens product	View 39SAMCAN-16133-71-13 page
39VIMCCN-A5E00282175-07	Related Siemens product	View 39VIMCCN-A5E00282175-07 page
39VIMCCN-16171-126-6	Related Siemens product	View 39VIMCCN-16171-126-6 page
39VIMCCN-16171-126-3	Related Siemens product	View 39VIMCCN-16171-126-3 page
39SDM024DCCBN-16101-174-8	Related Siemens product	View 39SDM024DCCBN-16101-174-8 page
39SAMCAN-16133-71-9	Related Siemens product	View 39SAMCAN-16133-71-9 page
39SAMCAN-16133-71-8	Related Siemens product	View 39SAMCAN-16133-71-8 page

SOURCE IDENTIFIERS

Siemens SiePortal product record
6SE7090-0XX84-0FF5

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