

Installation Instructions

A5E00680725

drive board service

SINAMICS drive systems

Before work begins

- 01 Confirm the exact A5E00680725 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable Siemens discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Component Class	drive board service [A5E00680725 P01]
Drive Family	SINAMICS drive systems [A5E00680725 P02]
Primary Function	Provides the documented drive board service function [
Power Architecture	A5E00680725 industrial architecture [A5E00680725 P04]
Voltage Class	Installed equipment voltage class [A5E00680725 P05]
Current Rating	Model-specific channel current [A5E00680725 P06]
Control Supply	24 V DC control class [A5E00680725 P07]
Power Section	SINAMICS drive systems service section [A5E00680725 P0
Mechanical Design	A5E00680725 service assembly [A5E00680725 P09]
Electrical Interface	A5E00680725 keyed connector set [A5E00680725 P10]

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Validate A5E00680725 diagnostics and function.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Siemens controlled documentation and the site safety procedure.
Warranty: 12 months from AMIKON.