

Installation Identity and Scope

Siemens 6FM1726-3BA00 is a WF 726 B positioning module for SIMATIC S5 systems. The documented WF726B architecture supports incremental or parallel absolute encoder feedback and multiaxis positioning functions configured with COM 726.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6FM1726-3BA00
Manufacturer	Siemens
Hardware role	WF726B Positioning Module
System family	SIMATIC S5

Controlled engineering copy

Verify the complete 6FM1726-3BA00 marking, WF726B hardware revision, encoder type, machine-data record, COM 726 project and host S5 configuration before replacement or recommissioning.

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6FM1726-3BA00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 6FM1726-3BA00 and WF726B identity.
2	Place the machine and S5 system in the approved maintenance state.
3	Back up the COM 726 project and all machine data.
4	Record the encoder type, code format, wiring and axis assignment.
5	Confirm host rack, CPU and interface compatibility.
6	Preserve configured direction, travel limits, ramps and M-function behavior.
7	Restore only the approved machine-data set.
8	Complete reference, positioning, limit and interlock tests before production release.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete 6FM1726-3BA00 marking and hardware role
Connections	Approved power, grounding and protocol interfaces
Configuration	Controlled backup, addressing and protocol files
Test plan	Defined acceptance values and controlled restart authority

Release hold point

Do not disturb the installed device until exact marking, interfaces, companion hardware and configured function are documented.

Wiring, Network and Configuration Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Function	Positioning module
Host platform	SIMATIC S5-135U / S5-155U
Encoder support	Incremental or parallel absolute
Absolute-encoder channels	Up to 3 documented
Absolute code	Gray code recommended
Engineering package	COM 726
Positioning steps	Up to 16,777,215
Machine-data scope	Feed, acceleration, deceleration and encoder parameters

Configuration boundary

Verify the complete 6FM1726-3BA00 marking, WF726B hardware revision, encoder type, machine-data record, COM 726 project and host S5 configuration before replacement or recommissioning.

Expected Technical Values

PARAMETER	VALUE
Direction assignment	Configured in machine data
M-function handling	Configurable output type and time
Fast outputs	Configurable
Travel limits	Limit and pre-limit values configurable

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete 6FM1726-3BA00 marking match the record.
Power	Measured supply agrees with the documented operating requirement.
Interface	Connectors, addressing and network parameters match the approved project.
Configuration	Protocol files, framing and mapped data areas match the controlled backup.
Diagnostics	No unexplained status, counter or communication fault remains.
Functional proof	Controlled bidirectional data transfer completes successfully.
Release	Final values and test results are retained with restart approval.

Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is Siemens 6FM1726-3BA00?	6FM1726-3BA00 is a Siemens WF 726 B positioning module.
Which system uses Siemens 6FM1726-3BA00?	Available product records identify it for SIMATIC S5-135U and S5-155U systems.

Related Products

MODEL	APTER POWER PAGE
Siemens 6ES7417-4XL04-0AB0	View Siemens 6ES7417-4XL04-0AB0
Siemens 6ES7416-2FN05-0AB0	View Siemens 6ES7416-2FN05-0AB0
Siemens 6ES7414-2XG02-0AB0	View Siemens 6ES7414-2XG02-0AB0
Siemens 6ES7407-0RA02-0AA0	View Siemens 6ES7407-0RA02-0AA0

Source, Related Products and Release

MODEL	APTER POWER PAGE
Siemens 6ES7432-1HF00-0AB0	View Siemens 6ES7432-1HF00-0AB0
Siemens 6ES7422-1BL00-0AA0	View Siemens 6ES7422-1BL00-0AA0
Siemens 6ES7421-1BL01-0AA0	View Siemens 6ES7421-1BL01-0AA0
Siemens 6ES7400-2JA10-0AA1	View Siemens 6ES7400-2JA10-0AA1

MANUFACTURER SOURCE RECORDS

1. Siemens WF726B Commissioning and COM 726 documentation
2. Cross-checked exact-model records for Siemens 6FM1726-3BA00 from established industrial automation suppliers

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	6FM1726-3BA00 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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