

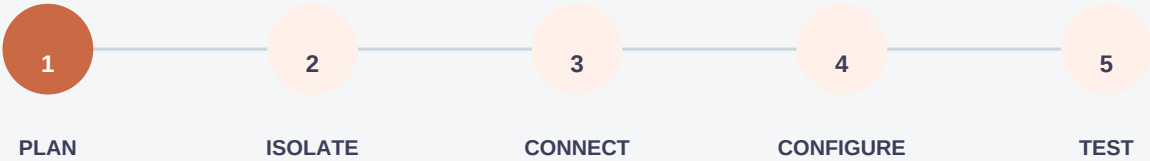
6ES7131-4BF00-0AA0

ET 200S 8DI 24 V DC Digital Input Module

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Siemens 6ES7131-4BF00-0AA0 is the et 200s 8di 24 v dc digital input module for SIMATIC ET 200S. It provides eight-channel 24 V DC digital input acquisition in an ET 200S station in the documented installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6ES7131-4BF00-0AA0
Manufacturer	Siemens
System family	SIMATIC ET 200S
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 6ES7131-4BF00-0AA0 marking and the documented ET 200S 8DI 24 V DC Digital Input Module execution.
- 2

Place the machine, controller and affected process in the approved maintenance state.
- 3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.
- 4

Record the installed position, every terminal or port, and the active engineering configuration.
- 5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

MATCHED HARDWARE

- Siemens 6ES7131-4BF00-0AA0 with complete article identity
- Matched SIMATIC ET 200S host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6ES7131-4BF00-0AA0 recorded
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms eight-channel 24 V DC digital input acquisition in an ET 200S station

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Digital inputs	8
Rated input voltage	24 V DC
Module width	15 mm
Signal 1 voltage	15 to 30 V
Signal 0 voltage	-30 to +5 V
Signal 1 input current	5 mA typical
Input delay	3 ms typical; 2.0 to 4.5 ms
Input characteristic	IEC 61131 Type 1
2-wire sensors	Supported; 1.5 mA maximum bias current
Address space	1 byte
Channel indication	Green LED per channel
Isochronous operation	Supported

RELATED PRODUCT PAGES

1 Siemens 6ES7131-4BD01-0AA0

2 Siemens 6ES7131-6BF00-0BA0

3 Siemens 6ES7521-1BH00-0AB0

4 Siemens 6ES7521-1BL10-0AA0

5 Siemens 6ES7521-1BL00-0AB0

6 Siemens 6ES7221-3BD30-0XB0

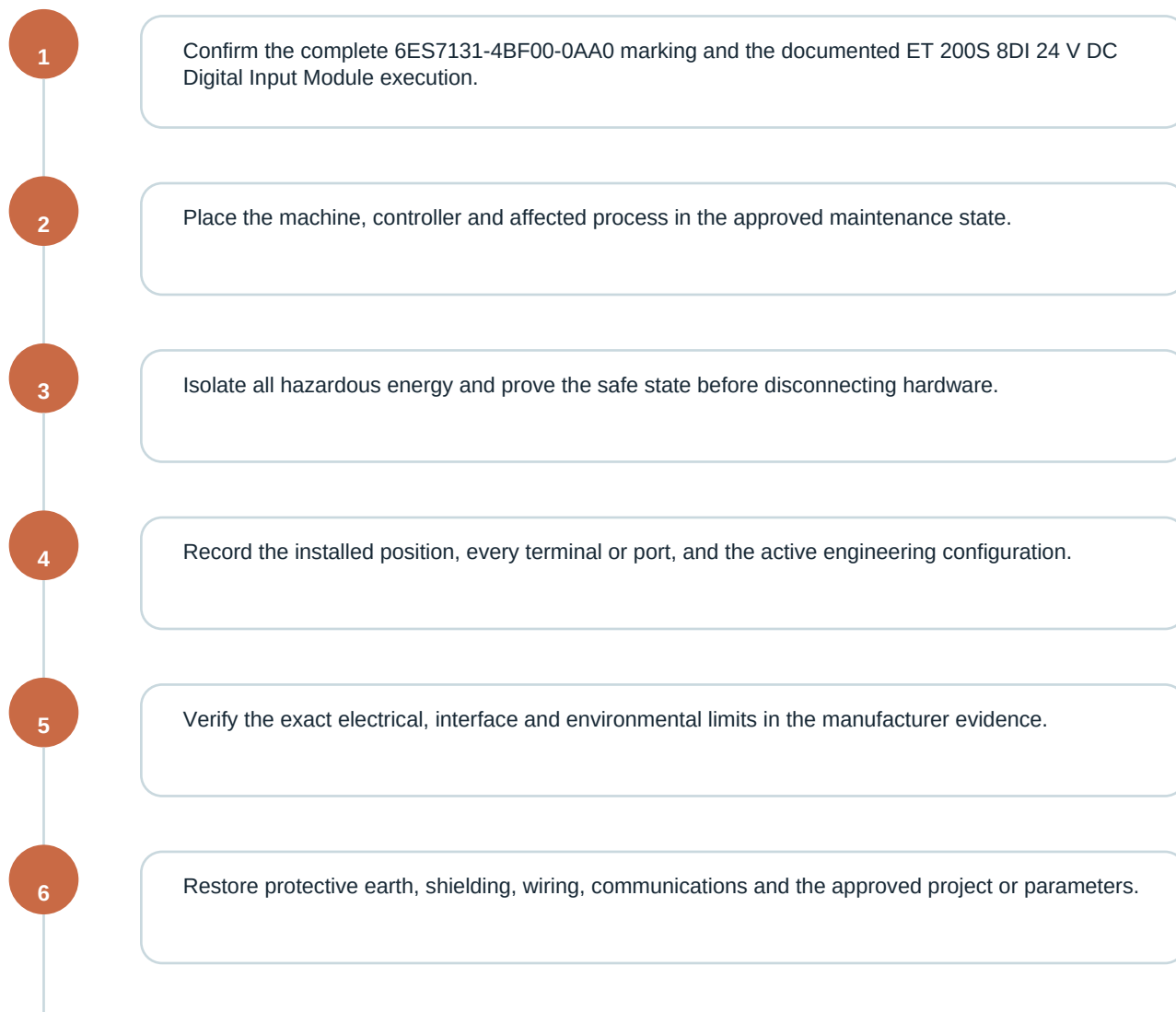
7 Siemens 6ES7221-1BF32-0XB0

8 Siemens 6ES7221-1BF22-0XA0

FIELD NOTE

Confirm 6ES7131-4BF00-0AA0, its exact SIMATIC ET 200S host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6ES7131-4BF00-0AA0
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms eight-channel 24 V DC digital input acquisition in an ET 200S station

04 RETURN-TO-SERVICE RECORD

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of eight-channel 24 V DC digital input acquisition in an ET 200S station before release.

VERIFICATION RECORD

PRODUCT IDENTITY	6ES7131-4BF00-0AA0
INSTALLED POSITION	Documented SIMATIC ET 200S position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of eight-channel 24 V DC digital input acquisition in an ET 200S station before release.

SOURCE IDENTIFIERS

Siemens ET 200S 8DI DC24V manual for 6ES7131-4BF00-0AA0 | Official manufacturer evidence verified 28 September 2026