

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6ES7144-1FB31-0XB0

two-channel analog input module

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This manual is part of the documentation package with the order number 6ES7144-1FB31-0XB0.

Edition 10/2005
For use instructions

PRODUCT	6ES7144-1FB31-0XB0
FAMILY	SIMATIC ET 200X distributed I/O
FUNCTION	two-channel analog input module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens Simatic S7 documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Analog Inputs	2 voltage channels
Input Range	±10 V
Resolution	12 bit plus sign
I/O Platform	SIMATIC ET 200X
Enclosure Protection	IP66/67
Channel Diagnostics	Supported

02 PREPARATION AND CONNECTION

- Confirm the complete 6ES7144-1FB31-0XB0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

SIEMENS

SIMATIC

ET 200X Distributed I/O Device

Manual

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This manual is part of the documentation package with the order number
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04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens official product documentation
Product record	6ES7144-1FB31-0XB0
Manufacturer	Siemens Simatic S7
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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