

INDUSTRIAL AUTOMATION PRODUCT

6ES7131-4BF00-0AA0

ET 200S 8DI 24 V DC Digital Input Module

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMATIC ET 200S
Part number	6ES7131-4BF00-0AA0
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Use 6ES7131-4BF00-0AA0 only in the documented SIMATIC ET 200S position. Preserve the exact connectors, power, signal or network configuration and verify eight-channel 24 V DC digital input acquisition in an ET 200S station during controlled commissioning.

System Role and Architecture

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.

FUNCTION 1
Digital inputs: 8

FUNCTION 2
Rated input voltage: 24 V DC

FUNCTION 3
Module width: 15 mm

FUNCTION 4
Signal 1 voltage: 15 to 30 V

RELATED APTER POWER 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

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	SIMATIC ET 200S
02	Matched SIMATIC ET 200S host or field system
03	Documented power, signal, communication and protective interfaces
04	Approved engineering configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMATIC ET 200S
Interface role	eight-channel 24 V DC digital input acquisition in an ET 200S station
Field / power context	documented SIMATIC ET 200S installation
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1Siemens 6ES7131-4BD01-0AA0

2Siemens 6ES7131-6BF00-0BA0

3Siemens 6ES7521-1BH00-0AB0

4Siemens 6ES7521-1BL10-0AA0

5Siemens 6ES7521-1BL00-0AB0

6Siemens 6ES7221-3BD30-0XB0

7Siemens 6ES7221-1BF32-0XB0

8Siemens 6ES7221-1BF22-0XA0

ENGINEERING BOUNDARY

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

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

SIMATIC ET 200S installation

Uses 6ES7131-4BF00-0AA0 for eight-channel 24 V DC digital input acquisition in an ET 200S station in the documented host architecture.

Controlled replacement

Restores the exact 6ES7131-4BF00-0AA0 identity, interfaces and configuration before energization.

Commissioning verification

Checks 6ES7131-4BF00-0AA0 diagnostics and the affected function under controlled conditions.

Lifecycle maintenance

Preserves the approved SIMATIC ET 200S wiring, network and engineering record during service work.

TECHNICAL NOTE

Use 6ES7131-4BF00-0AA0 only in the documented SIMATIC ET 200S position. Preserve the exact connectors, power, signal or network configuration and verify eight-channel 24 V DC digital input acquisition in an ET 200S station during controlled commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6ES7131-4BF00-0AA0 recorded
Host / carrier	SIMATIC ET 200S
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

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 6ES7131-4BD01-0AA0

View Siemens 6ES7131-4BD01-0AA0 page

2

Siemens 6ES7131-6BF00-0BA0

View Siemens 6ES7131-6BF00-0BA0 page

3

Siemens 6ES7521-1BH00-0AB0

View Siemens 6ES7521-1BH00-0AB0 page

4

Siemens 6ES7521-1BL10-0AA0

View Siemens 6ES7521-1BL10-0AA0 page

5

Siemens 6ES7521-1BL00-0AB0

View Siemens 6ES7521-1BL00-0AB0 page

6

Siemens 6ES7221-3BD30-0XB0

View Siemens 6ES7221-3BD30-0XB0 page

7

Siemens 6ES7221-1BF32-0XB0

View Siemens 6ES7221-1BF32-0XB0 page

8

Siemens 6ES7221-1BF22-0XA0

View Siemens 6ES7221-1BF22-0XA0 page

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.