

6ES7132-4BD02-0AA0

SIMATIC ET 200S 4DO 24 VDC/0.5 A ST digital output module

CONTROLLED ENGINEERING COPY

Record the terminal-module type, byte address, channel conductors and load supply; isolate L+ before removal and test each output under controlled conditions.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6ES7132-4BD02-0AA0
Manufacturer part	6ES7132-4BD02-0AA0
Hardware type	4
System family	Siemens SIMATIC ET 200S I/O



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 6ES7132-4BD02-0AA0 marking and its assigned Siemens SIMATIC ET 200S I/O position before work.
- 2

Place the connected solenoid and contactor commands process in the approved maintenance state.
- 3

Isolate applicable power and four 24 vdc pnp discrete output signals field energy before disconnecting conductors.
- 4

Record connector, conductor, address, firmware and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- ET 200S interface module
- compatible terminal module
- 24 VDC load supply
- STEP 7 hardware configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6ES7132-4BD02-0AA0 / 6ES7132-4BD02-0AA0 recorded
Physical interface	ET 200S interface module
Companion check	compatible terminal module
Functional proof	Provides four PNP source outputs
Application test	Solenoid and contactor commands

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Digital outputs	4
Output type	PNP source
Rated load voltage	24 V DC
Rated output current	0.5 A per channel
Total output current	2 A per module
Module width	15 mm
Address space	1 byte or 4 bits packed
Switching frequency, resistive	800 Hz maximum
Switching frequency, inductive	2 Hz maximum
Isolation test	500 V DC
Power loss	0.8 W typical
Operating temperature, vertical	0 to 55 degC

FIELD NOTE

Record the terminal-module type, byte address, channel conductors and load supply; isolate L+ before removal and test each output under controlled conditions.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6ES7132-4BD02-0AA0 / 6ES7132-4BD02-0AA0 recorded
Physical interface	ET 200S interface module
Companion check	compatible terminal module
Functional proof	Provides four PNP source outputs
Application test	Solenoid and contactor commands

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed ET 200S interface module and compatible terminal module against the approved project.

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VERIFICATION RECORD

PRODUCT IDENTITY	6ES7132-4BD02-0AA0
INSTALLED POSITION	Documented Siemens SIMATIC ET 200S I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Yokogawa CP451-10-S2	Related industrial automation product	View Yokogawa CP451-10-S2 page
Bently Nevada 330104-03-06-10-02-00	Related industrial automation product	View Bently Nevada 330104-03-06-10-02-00 page
Bently Nevada 330104-00-15-10-02-00	Related industrial automation product	View Bently Nevada 330104-00-15-10-02-00 page
Bently Nevada 330104-00-12-10-02-00	Related industrial automation product	View Bently Nevada 330104-00-12-10-02-00 page
Bently Nevada 330910-00-05-50-02-00	Related industrial automation product	View Bently Nevada 330910-00-05-50-02-00 page
Siemens 6ES7223-1BL22-0XA0	Related industrial automation product	View Siemens 6ES7223-1BL22-0XA0 page
GE IC200MDL740	Related industrial automation product	View GE IC200MDL740 page
Emerson KJ4006X1-BD1	Related industrial automation product	View Emerson KJ4006X1-BD1 page

SOURCE IDENTIFIERS

Siemens SIMATIC ET 200S official product manual
6ES7132-4BD02-0AA0; A5E01254028-01

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