

INDUSTRIAL AUTOMATION PRODUCT

6ES7132-4BD02-0AA0

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

Four 24 VDC PNP discrete output signals

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	Siemens SIMATIC ET 200S I/O
Part number	6ES7132-4BD02-0AA0
Country	Germany
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named Siemens product record.

PARAMETER	TECHNICAL 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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	ET 200S interface module
Companion hardware	compatible terminal module
Field connection	24 VDC load supply
Primary system function	Provides four PNP source outputs
Controlled acceptance duty	Solenoid and contactor commands

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System Role and Architecture

Four 24 VDC PNP discrete output signals

FUNCTION 1

Provides four PNP source outputs

FUNCTION 2

Supplies one-half ampere per channel

FUNCTION 3

Fits a fifteen-millimetre ET 200S position

FUNCTION 4

Supports packed four-bit addressing

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	ET 200S interface module
Companion hardware	compatible terminal module
Field connection	24 VDC load supply
Primary system function	Provides four PNP source outputs
Controlled acceptance duty	Solenoid and contactor commands

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Applications and Engineering Context

Solenoid and contactor commands

Provides four PNP source outputs

Distributed machine output station

Supplies one-half ampere per channel

Compact indicator control

Fits a fifteen-millimetre ET 200S position

ET 200S output-module replacement

Supports packed four-bit addressing

TECHNICAL NOTE

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

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

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Engineering Precautions

- 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Siemens A5E00297630	Related industrial automation product	View Siemens A5E00297630 page
Siemens A5E36717793	Related industrial automation product	View Siemens A5E36717793 page
Siemens A5E36717811	Related industrial automation product	View Siemens A5E36717811 page
Siemens 6ED1052-1HB08-0BA1	Related industrial automation product	View Siemens 6ED1052-1HB08-0BA1 page
Bently Nevada 130768-01	Related industrial automation product	View Bently Nevada 130768-01 page
Bently Nevada 4300111	Related industrial automation product	View Bently Nevada 4300111 page
Bently Nevada 125565-01	Related industrial automation product	View Bently Nevada 125565-01 page
Bently Nevada 125388-01	Related industrial automation product	View Bently Nevada 125388-01 page

MANUFACTURER SOURCE RECORD

Siemens SIMATIC ET 200S official product manual

6ES7132-4BD02-0AA0; A5E01254028-01

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