

01 Readiness and operating boundary

Siemens 6ES5454-4UA13 is a SIMATIC S5 isolated digital output module with 16 short-circuit-protected 24 V DC outputs rated for 10 mA to 2 A loads.

Confirm exact identity

Confirm the complete Siemens 6ES5454-4UA13 marking before work.

Exact article	6ES5454-4UA13
Module type	Digital output
Output count	16, short-circuit protected

Establish the safe work boundary

Place every connected actuator in the approved maintenance state.

Identity	6ES5454-4UA13
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

CONTACT APTER POWER

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6ES5454-4UA13

2 02 Configuration and interface setup

Siemens 6ES5454-4UA13 supplies 16 isolated, short-circuit-protected 24 V DC output channels for higher-current SIMATIC S5 loads.

Record the as-found configuration

Record all 16 outputs, four-channel groups, fuses and load currents.

Module type	Digital output
Output count	16, short-circuit protected
Rated supply	24 V DC

Map connections and settings

Document the enable circuit and H+ short-circuit indication wiring.

Identity	6ES5454-4UA13
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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03 Installation and service sequence

Siemens 6ES5454-4UA13 supplies 16 isolated, short-circuit-protected 24 V DC output channels for higher-current SIMATIC S5 loads.

Restore the documented assembly

Verify the 20–30 V DC supply before reconnection.

Output count	16, short-circuit protected
Rated supply	24 V DC
Supply range	20 to 30 V DC

Protect every interface

Keep each channel and four-output group within the documented load limits.

Identity	6ES5454-4UA13
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Acceptance	Diagnostics and functional response

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04 Verification and fault isolation

Siemens 6ES5454-4UA13 supplies 16 isolated, short-circuit-protected 24 V DC output channels for higher-current SIMATIC S5 loads.

Verify the installed function

Review every group LED and controller diagnostic after energization.

Rated supply	24 V DC
Supply range	20 to 30 V DC
Isolation	Isolated, one group of 16 outputs

Isolate unexpected response

Functionally prove all 16 outputs before service release.

Identity	6ES5454-4UA13
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

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5 05 Acceptance and service handover

Siemens 6ES5454-4UA13 supplies 16 isolated, short-circuit-protected 24 V DC output channels for higher-current SIMATIC S5 loads.

Complete the release record

Confirm the complete Siemens 6ES5454-4UA13 marking before work.

Exact article	6ES5454-4UA13
Module type	Digital output
Output count	16, short-circuit protected

Retain acceptance evidence

Place every connected actuator in the approved maintenance state.

Identity	6ES5454-4UA13
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

Siemens 6ES7134-4NB51-0AB0

Siemens 6DS1731-8RR

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