1

01 Readiness and operating boundary

Siemens 6ES5420-4UA12 is a SIMATIC S5 420 compact U digital input module with 32 non-floating 24 V DC inputs, supplied as a legacy spare-part execution.

Confirm exact identity

Confirm the complete Siemens 6ES5420-4UA12 marking before work.

Exact article	6ES5420-4UA12
Product family	SIMATIC S5
Module series	420

Establish the safe work boundary

Place all 32 dependent field signals in the approved maintenance state.

Identity	6ES5420-4UA12
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

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6ES5420-4UA12

2

02 Configuration and interface setup

Siemens 6ES5420-4UA12 collects 32 non-floating 24 V DC digital input points in a compact SIMATIC S5 U-format module.

Record the as-found configuration

Record every input address and common-reference conductor.

Product family	SIMATIC S5
Module series	420
Module type	Digital input

Map connections and settings

Photograph the front connector, slot and adjacent modules before removal.

Identity	6ES5420-4UA12
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

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6ES5420-4UA12

3

03 Installation and service sequence

Siemens 6ES5420-4UA12 collects 32 non-floating 24 V DC digital input points in a compact SIMATIC S5 U-format module.

Restore the documented assembly

Verify the circuit uses the documented 24 V DC input level.

Module series	420
Module type	Digital input
Input count	32

Protect every interface

Restore the non-floating common-potential arrangement exactly as recorded.

Identity	6ES5420-4UA12
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

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6ES5420-4UA12

4

04 Verification and fault isolation

Siemens 6ES5420-4UA12 collects 32 non-floating 24 V DC digital input points in a compact SIMATIC S5 U-format module.

Verify the installed function

Review module and controller diagnostics after energization.

Module type	Digital input
Input count	32
Rated input voltage	24 V DC

Isolate unexpected response

Functionally verify all 32 input states before service release.

Identity	6ES5420-4UA12
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

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6ES5420-4UA12

5

05 Acceptance and service handover

Siemens 6ES5420-4UA12 collects 32 non-floating 24 V DC digital input points in a compact SIMATIC S5 U-format module.

Complete the release record

Confirm the complete Siemens 6ES5420-4UA12 marking before work.

Exact article	6ES5420-4UA12
Product family	SIMATIC S5
Module series	420

Retain acceptance evidence

Place all 32 dependent field signals in the approved maintenance state.

Identity	6ES5420-4UA12
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

Siemens 6DP1531-8AA

Siemens 6DP1210-8BC

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6ES5420-4UA12