

01 Readiness and operating boundary

Siemens 6ES5374-1KH21 is a 256 Kbyte word-organized SIMATIC S5 flash EPROM memory card for storing or transferring a CPU 945 control program.

Confirm exact identity

Confirm the complete 6ES5374-1KH21 marking before handling the memory card.

Exact article	6ES5374-1KH21
Hardware type	SIMATIC S5 memory card
Memory technology	Flash EPROM

Establish the safe work boundary

Archive the current CPU 945 program and record its accepted version.

Identity	6ES5374-1KH21
Host	SIMATIC S5 CPU 945
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



6ES5374-1KH21

2 02 Configuration and interface setup

During SIMATIC S5 maintenance, Siemens 6ES5374-1KH21 carries the retained user program between the programming system and the CPU 945 without changing the controller's established I/O structure.

Record the as-found configuration

Place the controller in the approved maintenance state before card removal.

Hardware type	SIMATIC S5 memory card
Memory technology	Flash EPROM
Memory capacity	256 Kbytes

Map connections and settings

Use ESD controls and protect the card contacts from contamination.

Identity	6ES5374-1KH21
Host	SIMATIC S5 CPU 945
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



6ES5374-1KH21

3 03 Installation and service sequence

During SIMATIC S5 maintenance, Siemens 6ES5374-1KH21 carries the retained user program between the programming system and the CPU 945 without changing the controller's established I/O structure.

Restore the documented assembly

Verify 256 Kbytes, word organization and submodule ID 500 against the service record.

Memory technology	Flash EPROM
Memory capacity	256 Kbytes
Organization	Word

Protect every interface

Use programmer software level 6.6 or higher for the 1KH21 execution.

Identity	6ES5374-1KH21
Host	SIMATIC S5 CPU 945
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



6ES5374-1KH21

4 04 Verification and fault isolation

During SIMATIC S5 maintenance, Siemens 6ES5374-1KH21 carries the retained user program between the programming system and the CPU 945 without changing the controller's established I/O structure.

Verify the installed function

Transfer or compare the retained program before returning the CPU to operation.

Memory capacity	256 Kbytes
Organization	Word
Submodule ID	500

Isolate unexpected response

Review CPU diagnostics and execute the controlled machine acceptance test.

Identity	6ES5374-1KH21
Host	SIMATIC S5 CPU 945
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



6ES5374-1KH21

5 05 Acceptance and service handover

During SIMATIC S5 maintenance, Siemens 6ES5374-1KH21 carries the retained user program between the programming system and the CPU 945 without changing the controller's established I/O structure.

Complete the release record

Confirm the complete 6ES5374-1KH21 marking before handling the memory card.

Exact article	6ES5374-1KH21
Hardware type	SIMATIC S5 memory card
Memory technology	Flash EPROM

Retain acceptance evidence

Archive the current CPU 945 program and record its accepted version.

Identity	6ES5374-1KH21
Host	SIMATIC S5 CPU 945
Acceptance	Diagnostics and functional response

Siemens 6ES5946-3UA23

Siemens 6ES5947-3UA22

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



6ES5374-1KH21