

APTER POWER PRODUCT MANUAL

6ES5420-4UA14

SIMATIC S5 Digital Input 420 Module

The Siemens 6ES5420-4UA14 is a compact SIMATIC S5 Digital Input 420 module with thirty-two non-isolated 24 V DC inputs. It collects discrete field states for the legacy S5 controller through the configured rack and process wiring.

The module is used for dense sensor, contact, and status acquisition where the original S5 design relies on common-referenced non-isolated inputs.

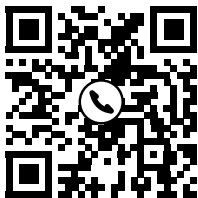
Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Thirty-Two S5 Inputs Demand Careful Common and Connector Control.

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SCAN FOR PRODUCT & QUOTE
6ES5420-4UA14

1. Product Overview and Identity

The Siemens 6ES5420-4UA14 is a compact SIMATIC S5 Digital Input 420 module with thirty-two non-isolated 24 V DC inputs. It collects discrete field states for the legacy S5 controller through the configured rack and process wiring.

The module is used for dense sensor, contact, and status acquisition where the original S5 design relies on common-referenced non-isolated inputs.

Model Configuration

Field	Verified information
Complete model	6ES5420-4UA14
Manufacturer	Siemens
Product description	SIMATIC S5 Digital Input 420 Module

Key Features

- Exact 6ES5420-4UA14 identity retained
- Manufacturer-source data separated from unconfirmed values
- SIMATIC S5
- System context: SIMATIC S5
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
System	SIMATIC S5
Module	Digital Input 420
Input count	32
Input voltage	24 V DC
Isolation	Non-isolated
Construction	Compact
Net weight	Approx. 0.476 kg
Lifecycle	PM500 since 1 October 2022

Verification Note

Use the complete 6ES5420-4UA14 identifier. Siemens classifies 6ES5420-4UA14 as PM500 since 1 October 2022 and states deletion without replacement. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The module is used for dense sensor, contact, and status acquisition where the original S5 design relies on common-referenced non-isolated inputs.
- Maintains the documented SIMATIC S5 system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Legacy machine inputs	Acquire dense switch and sensor states.
Process status collection	Read non-isolated 24 V DC contacts.
S5 spare strategy	Maintain the exact module while preparing migration.

Compatible Components

- SIMATIC S5 rack and addressing documented for the machine
- 24 V DC field circuits sharing the required reference potential
- Original front connector and wiring diagram for the 420 module

Lifecycle Status

Siemens classifies 6ES5420-4UA14 as PM500 since 1 October 2022 and states deletion without replacement.

4. Installation Precautions

- Recognize that the inputs are non-isolated
- Verify shared reference potential and grounding
- Label the 32-channel connector before removal
- Back up the STEP 5 program and address assignment
- Do not substitute another 420 suffix without pinout review

STOP - Verify before installation

Use the complete 6ES5420-4UA14 identifier. Siemens classifies 6ES5420-4UA14 as PM500 since 1 October 2022 and states deletion without replacement. Values not published in the cited Siemens source are intentionally not inferred.

Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens Industry Mall product record for 6ES5420-4UA14.

Apter Power product page

<https://www.apterpower.com/Siemens/6ES5420-4UA14>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.