



6ES5460-4UA11

Siemens SIMATIC S5 460 Floating Analog Input Module

Product scope

- The exact order identity fixes input count at 8 floating channels within the Siemens SIMATIC S5 platform.
- The hardware path is defined by front-connected analog circuits with channel isolation and selectable measurement ranges defined by the installed submodules.
- Its intended duty is legacy S5 installations requiring isolated analog acquisition from process sensors.
- a compact SIMATIC S5 460 floating analog input module with eight isolated channels and two plug-in range submodules

Official source basis

https://support.industry.siemens.com/cs/attachments/19395786/U-Peripherie_e_OCR.pdf

Technical facts are limited to the identified manufacturer documentation and the exact ordering configuration shown above.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Siemens 6ES5460-4UA11	

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6ES5460-4UA11 technical profile

Siemens 6ES5460-4UA11 is the documented analog input module in the Siemens SIMATIC S5 family. As part of its exact configuration, input count is 8 floating channels, while range submodules is 2 plug-in units.

Installed in legacy S5 installations requiring isolated analog acquisition from process sensors, this hardware multiplexes field measurements, converts them to digital values and transfers the results to the S5 CPU through the U-periphery bus. The official connection definition is front-connected analog circuits with channel isolation and selectable measurement ranges defined by the installed submodules.

Before migration or exchange, verify the S5 rack, address setting, front connector, range submodules, field reference and original channel assignment. Do not assume 6ES5460-4UA11 and -4UA12 are interchangeable; their measuring and diagnostic options differ

Selection notice

For 6ES5460-4UA11, identify both measuring-range submodules; the UA12 variant is not automatically interchangeable.

Technical specifications

Input count	8 floating channels
Range submodules	2 plug-in units
Isolation limit	60 V AC / 75 V DC
Conversion path	Multiplexer and analog-to-digital converter
Module design	Compact U periphery
Channel relationship	Inputs isolated from each other
Bus release	Enable inputs F+ and F-
Measurement adaptation	Resistor-divider or shunt submodule
System connection	SIMATIC S5 U-periphery bus
Ordering status	Spare part only
Lifecycle end	1 April 1998
Successor statement	Deleted without replacement

Application and integration notes

S5 Compatibility	• A valid system match depends on the S5 rack, address setting, front connector, range submodules, field reference and original channel assignment. • The surrounding hardware must retain the connector, addressing and project relationships documented for the Siemens SIMATIC S5 installation. • A partial-number or cross-family substitution is acceptable only when official service information explicitly establishes equivalence with 6ES5460-4UA12.
Climate Range	• The analog input module used in legacy S5 installations requiring isolated analog acquisition from process sensors must remain within the environmental limits published for its complete Siemens SIMATIC S5 assembly. • The available official record lists conversion path as Multiplexer and analog-to-digital converter; that limit must be interpreted for the exact order configuration. • Airflow, condensation control, contamination and transport protection must be reviewed for the site conditions in legacy S5 installations requiring isolated analog acquisition from process sensors.
Installation & Integration	• Mechanical placement and field transfer must follow the connector or terminal arrangement defined by front-connected analog circuits with channel isolation and selectable measurement ranges defined by the installed submodules. • Integration records must confirm the S5 rack, address setting, front connector, range submodules, field reference and original channel assignment before conductors, backplane resources or accessories are reassigned. • A point-to-point check is required in legacy S5 installations requiring isolated analog acquisition from process sensors because identical mounting geometry does not prove electrical equivalence.

Request product documentation and quotation support

Send the complete label, system configuration, quantity and destination.



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