

SIMATIC S5-115U

Product Data Sheet

6ES5941-7UA12

SIMATIC S5-115U CPU 941 central processing unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMATIC S5-115U CPU 941 central	SIMATIC S5-115U	Germany	2.00 kg

Siemens Simatic S5 6ES5941-7UA12 is a CPU 941 central processing unit for the SIMATIC S5-115U. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

CPU Designation	CPU 941
PLC Platform	SIMATIC S5-115U
Internal Program Memory	2 KB RAM
Maximum Program Memory	18 KB with memory submodule
Programming Interface	20 mA TTY current loop
Interface Connector	15-pin D-sub socket
Memory Submodule	MS375 RAM/EPROM/EEPROM slot
Program Execution	Cyclic, interrupt-driven and time-controlled
Digital Input Addressing	1024 inputs; I 0.0 to I 127.7
Digital Output Addressing	1024 outputs; Q 0.0 to Q 127.7

ADDITIONAL PRODUCT DATA

Timer Capacity	128 timers
Counter Capacity	128 counters
Timer Range	0.01 to 9990 s
Counter Range	0 to 999
Network Link	SINEC L1 supported

OFFICIAL APPLICATIONS

- Legacy assembly and transfer lines: Machine Control Systems
- Batching and packaging equipment: Production Control Systems
- Stock preparation and finishing lines: Mill Automation Systems

SYSTEM COMPATIBILITY

Match 6ES5941-7UA12 to the installed SIMATIC S5-115U, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens SIMATIC S5 CPU 941 and S5-115U technical documentation](#)

https://support.industry.siemens.com/cs/attachments/19353006/Productinformation_IP252_e.pdf

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM