01 / Product and system dashboard

SIEMENS

6FX1113-0AE02

CPU Module

Product role

Siemens 6FX1113-0AE02 is the SINUMERIK 8 MS102 CPU export configuration, specified without a software module or 6EW1000-7AA battery.

Separate software
Installed program-memory arrangement

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MS102 CPU
SINUMERIK 8 control processing

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Machine application
Configured program and parameters

Engineering scope

The order code identifies the export MS102 CPU without software module and battery. System 8 programming functions depend on the installed control and software; they are not board electrical ratings.

02 / Verified identity and technical relationships

Property	Applicable fact	Property	Applicable fact
System family	SINUMERIK 8	Battery reference	6EW1000-7AA; excluded from the order definition
Module designation	MS102 CPU	Cycle implementation	Control program memory; configuration-dependent
Order variant	Export configuration	Programming context	System 8 Q-address functions and R parameters
Software module	Excluded from the order definition		

Configuration boundary

The order code identifies the export MS102 CPU without software module and battery. System 8 programming functions depend on the installed control and software; they are not board electrical ratings.

03 / Applications and system integration

CPU replacement planning

Match the full export MS102 reference and preserve the installed software arrangement.

Program-memory retention

Keep cycle and machine-program data with the corresponding control configuration.

Cycle configuration review

Review applicable Q-address functions and R-parameter use for the installed System 8 software.

Controlled system recovery

Restore the validated program and parameters, then check machine behavior under the approved procedure.

Functional context

In System 8, machining cycles reside in control program memory rather than being inherent hardware functions. The applicable programming instructions describe Q-address functions for machine and technological cycles, together with R-parameter calculations. The installed control variant and software determine which functions can be used and entered from the operator panel.

04 / Service and installation decisions

Isolate the control

Place the machine in a safe state and isolate supplies before handling the CPU.

Retain the export identity

Match the complete 6FX1113-0AE02 marking and hardware revision.

Record separate modules

Identify the software and program-memory arrangement before removing the CPU.

Check battery scope

The order definition excludes 6EW1000-7AA; confirm the actual installed battery arrangement separately.

Preserve machine data

Retain validated programs and parameter data before any replacement work.

Validate the restored system

Check software compatibility and controlled machine operation before production release.

05 / Reference basis and related portfolio

Lifecycle and supply

End of product lifecycle. Request current support and replacement guidance using the complete 6FX1113-0AE02 identity. Apter Power availability is confirmed separately in the quotation.

Reference basis

Siemens 6FX1113-0AE02 product identification; SINUMERIK System 8 programming instructions, Part 2, Edition 12.83.

Apter Power technical summary; not a manufacturer-issued manual. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

Siemens 6ES5948-3UA11

Siemens 6ES5947-3UR21

Siemens 6ES5947-3UA22

Discuss your installed configuration

Send the full unit marking and connection details.

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