

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Siemens 6ES7312-5BF04-0AB0

Product Reference

Siemens SIMATIC S7-300 CPU 312C compact CPU

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Siemens manufacturer sources. No product photograph is included.

Product / lookup identity	Siemens 6ES7312-5BF04-0AB0
Reference number	6ES7312-5BF04-0AB0
Document basis	Published Siemens product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Siemens/6es7312-5bf04-0ab0>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Siemens 6ES7312-5BF04-0AB0 is an evidence-bounded SIMATIC S7-300 CPU 312C compact CPU. System role: MPI; 10 DI / 6 DQ; two 10 kHz counters; 24 VDC; 64 kB work memory Only facts stated by the cited Siemens material are published; sibling, successor and third-party data are not transferred. System context: Siemens SIMATIC S7-300 CPU 312C compact CPU.

Published field	Manufacturer-published value or verified identity note
Siemens article number	6ES7312-5BF04-0AB0
Product type	SIMATIC S7-300 CPU 312C compact CPU
Published role / rating	MPI; 10 DI / 6 DQ; two 10 kHz counters; 24 VDC; 64 kB work memory
Lifecycle	PHASE_OUT_SINCE_2023_10_01
Origin	Germany
Net weight	0.458 kg
Commodity code	85371091

System function and signal path

01	System Inputs: MPI; 10 DI / 6 DQ; two 10 kHz counters; 24 VDC; 64 kB work memory
02	Processing: Use only with the exact SIMATIC family, hardware revision, firmware, connector and engineering configuration documented by Siemens.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Siemens 6ES7312-5BF04-0AB0.

2 System documentation: Provides a source-traceable boundary for the documented SIMATIC automation system configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is Siemens 6ES7312-5BF04-0AB0?	It is an evidence-bounded SIMATIC S7-300 CPU 312C compact CPU; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Article Number.
What is its system role?	MPI; 10 DI / 6 DQ; two 10 kHz counters; 24 VDC; 64 kB work memory
Which installed-base context is documented?	SIMATIC automation system.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Siemens sources

Siemens product information 6ES7312-5BF04-0AB0	https://mall.industry.siemens.com/mall/en/HU/Catalog/Product/6ES7312-5BF04-0AB0
---	---