

# Siemens 6ES7422-1BL00-0AA0

## Product Reference

Siemens SIMATIC S7-400 SM422 digital output module

### DOCUMENT SCOPE

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

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Product / lookup identity | Siemens 6ES7422-1BL00-0AA0                                            |
| Reference number          | 6ES7422-1BL00-0AA0                                                    |
| Document basis            | Published Siemens product records, PDFs, and manuals listed on page 3 |



### Product page

<https://www.apterpower.com/Siemens/6es7422-1bl00-0aa0>

### Apter Power contact

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Product role and published parameters

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

Siemens 6ES7422-1BL00-0AA0 is an evidence-bounded SIMATIC S7-400 SM422 digital output module. System role: It provides 32 isolated 24 V DC digital outputs rated 0.5 A per documented channel conditions. System context: Siemens SIMATIC S7-400 SM422 digital output module.

| Published field          | Manufacturer-published value or verified identity note |
|--------------------------|--------------------------------------------------------|
| Exact requested identity | 6ES7422-1BL00-0AA0                                     |
| Product class            | SIMATIC S7-400 SM422 digital output module             |
| Outputs                  | 32 digital outputs                                     |
| Output voltage           | 24 V DC                                                |
| Rated current            | 0.5 A                                                  |
| Net weight               | 0.774 kg                                               |
| Lifecycle                | PM300 active; phase-out since 2025-10-01               |

System function and signal path

|    |                                                                                                                                             |
|----|---------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | System Inputs: It provides 32 isolated 24 V DC digital outputs rated 0.5 A per documented channel conditions.                               |
| 02 | Processing: Use only with the exact host, terminal base, cable, firmware and engineering configuration documented for the installed system. |

## Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Siemens 6ES7422-1BL00-0AA0.

2 System documentation: Provides a source-traceable boundary for the documented SIMATIC S7-400 signal-module architecture 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 6ES7422-1BL00-0AA0?         | It is an evidence-bounded SIMATIC S7-400 SM422 digital output module; this page is limited to the cited manufacturer evidence. |
| Is the exact identity verified?             | Verified Evidence Bounded.                                                                                                     |
| What is its system role?                    | It provides 32 isolated 24 V DC digital outputs rated 0.5 A per documented channel conditions.                                 |
| Which installed-base context is documented? | SIMATIC S7-400 signal-module architecture.                                                                                     |
| 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 S7-400 Module Data manual | Official PDF: s7_400_module_data_en-US_en-US.pdf |
|-----------------------------------|--------------------------------------------------|