

SINAMICS CONVERTER POWER SECTIONS

# Product Data Sheet

**A5E01424398**

Drive interface circuit board

|                                           |                                             |                   |                   |
|-------------------------------------------|---------------------------------------------|-------------------|-------------------|
| FUNCTION<br>Drive interface circuit board | FAMILY<br>SINAMICS converter power sections | ORIGIN<br>Germany | WEIGHT<br>0.35 kg |
|-------------------------------------------|---------------------------------------------|-------------------|-------------------|

Siemens SINAMICS A5E01424398 is a Drive interface circuit board for the SINAMICS converter power sections. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                                                       |
|----------------------|-----------------------------------------------------------------------|
| Component Class      | Drive interface circuit board                                         |
| Drive Family         | SINAMICS converter power sections                                     |
| Primary Function     | Routes commands and diagnostic feedback for the installed power stage |
| Power Architecture   | Digital interface electronics                                         |
| Voltage Class        | 24 V DC control class                                                 |
| Current Rating       | Signal-level drive I/O                                                |
| Power Section        | Drive interface section                                               |
| Mechanical Design    | Service printed-circuit board                                         |
| Electrical Interface | Gate, feedback and auxiliary plugs                                    |
| Commissioning Check  | Confirm revision and test signal scaling                              |

- Apply the drive command routing: Use A5E01424398 to route commands and diagnostic feedback for the installed power stage within the documented SINAMICS converter power sections. Confirm the drive interface section, electrical class and controlled drawing before work.
- Prepare the feedback signal map: Record gate, feedback and auxiliary plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact A5E01424398 drive board arrangement during replacement.
- Complete the interface scaling test: Confirm revision and test signal scaling. Review Siemens diagnostics and record the final A5E01424398 drive board result before returning the affected function to service.

Match A5E01424398 to the installed SINAMICS converter power sections, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>