

SIMOVERT MASTERDRIVES

# Product Data Sheet

**6SE7041-2WL84-1JC0**

Inverter control circuit board

|                                            |                                 |                   |                  |
|--------------------------------------------|---------------------------------|-------------------|------------------|
| FUNCTION<br>Inverter control circuit board | FAMILY<br>SIMOVERT MASTERDRIVES | ORIGIN<br>Germany | WEIGHT<br>0.8 kg |
|--------------------------------------------|---------------------------------|-------------------|------------------|

Siemens SIMOVERT 6SE7041-2WL84-1JC0 is a Inverter control circuit board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Component Class      | Inverter control circuit board                                   |
| Drive Family         | SIMOVERT MASTERDRIVES                                            |
| Primary Function     | Controls switching and feedback for the installed inverter stage |
| Power Architecture   | WL84 inverter electronics                                        |
| Voltage Class        | Drive DC-link class                                              |
| Current Rating       | High-current converter rating                                    |
| Power Section        | Inverter power section                                           |
| Mechanical Design    | Plug-in control board                                            |
| Electrical Interface | Gate, current and DC-link connectors                             |
| Commissioning Check  | Verify insulation and phase response                             |

- Apply the high-current inverter control: Use 6SE7041-2WL84-1JC0 to controls switching and feedback for the installed inverter stage within the documented SIMOVERT MASTERDRIVES. Confirm the inverter power section, electrical class and controlled drawing before work.
- Prepare the phase feedback route: Record gate, current and dc-link connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact WL84 inverter board arrangement during replacement.
- Complete the WL84 functional test: Verify insulation and phase response. Review Siemens diagnostics and record the final WL84 inverter board result before returning the affected function to service.

Match 6SE7041-2WL84-1JC0 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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