

SIMOVERT MASTERDRIVES

# Product Data Sheet

**6SE7038-6GK84-1JC2**

Inverter control interface module

|                                   |                       |         |        |
|-----------------------------------|-----------------------|---------|--------|
| FUNCTION                          | FAMILY                | ORIGIN  | WEIGHT |
| Inverter control interface module | SIMOVERT MASTERDRIVES | Germany | 0.8 kg |

Siemens SIMOVERT 6SE7038-6GK84-1JC2 is a Inverter control interface module 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 interface module                               |
| Drive Family         | SIMOVERT MASTERDRIVES                                           |
| Primary Function     | Controls a high-power inverter stage and evaluates its feedback |
| Power Architecture   | High-voltage inverter electronics                               |
| Voltage Class        | 660–690 V AC                                                    |
| Current Rating       | Drive-defined high-current class                                |
| Power Section        | Inverter power section                                          |
| Mechanical Design    | Plug-in control module                                          |
| Electrical Interface | Gate, current and DC-link connectors                            |
| Commissioning Check  | Check insulation, phase gates and diagnostics                   |

- Apply the high-power inverter control: Use 6SE7038-6GK84-1JC2 to controls a high-power inverter stage and evaluates its feedback within the documented SIMOVERT MASTERDRIVES. Confirm the inverter power section, electrical class and controlled system drawing before work.
- Prepare the phase-current feedback: Record gate, current and dc-link connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact high-power GK84 module arrangement during replacement.
- Complete the GK84 diagnostic release: Check insulation, phase gates and diagnostics. Review Siemens diagnostics and record the final high-power GK84 module result before returning the affected function to service.

Match 6SE7038-6GK84-1JC2 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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