

SIMOVERT MASTERDRIVES

# Product Data Sheet

**6SE7090-0XX87-4AH0**

T300 technology control board

|                                                  |                                        |                          |                         |
|--------------------------------------------------|----------------------------------------|--------------------------|-------------------------|
| FUNCTION<br><b>T300 technology control board</b> | FAMILY<br><b>SIMOVERT MASTERDRIVES</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.2 kg</b> |
|--------------------------------------------------|----------------------------------------|--------------------------|-------------------------|

Siemens SIMOVERT 6SE7090-0XX87-4AH0 is a T300 technology control board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                           |
|----------------------|-------------------------------------------|
| Component Class      | T300 technology control board             |
| Drive Family         | SIMOVERT MASTERDRIVES                     |
| Primary Function     | Provides application technology functions |
| Power Architecture   | T300 programmable technology stage        |
| Voltage Class        | Internal control-system class             |
| Current Rating       | Signal-processing channels                |
| Control Supply       | Drive electronics supply                  |
| Power Section        | Technology option slot                    |
| Mechanical Design    | Board without LBA memory                  |
| Electrical Interface | Backplane and option connectors           |

## ADDITIONAL PRODUCT DATA

|                     |                                     |
|---------------------|-------------------------------------|
| Cooling Integration | Control-cabinet airflow             |
| Board Designation   | 6SE7090-0XX87-4AH0 T300             |
| Service Role        | Application-control spare           |
| Product Status      | Without memory module               |
| Commissioning Check | Load project and test I/O functions |

## OFFICIAL APPLICATIONS

- Use the T300 technology control board: Apply 6SE7090-0XX87-4AH0 for provides application technology functions after matching the exact system, electrical class and installed section.
- Confirm the Internal control-system class configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Load project and test I/O functions. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

## SYSTEM COMPATIBILITY

Match 6SE7090-0XX87-4AH0 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

**Siemens Industry Mall and applicable manufacturer documentation**

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SE7090-0XX87-4AH0>

AMIKON PRODUCT SUPPORT

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