

SINAMICS GM150 MEDIUM-VOLTAGE DRIVES

# Product Data Sheet

**6SL3985-6TM00-0AA0**

GM150 thyristor module board

| FUNCTION                     | FAMILY                              | ORIGIN  | WEIGHT  |
|------------------------------|-------------------------------------|---------|---------|
| GM150 thyristor module board | SINAMICS GM150 medium-voltage drive | Germany | 0.38 kg |

Siemens SINAMICS 6SL3985-6TM00-0AA0 is a GM150 thyristor module board for the SINAMICS GM150 medium-voltage drives. The values below are limited to the exact documented article.

01

## VERIFIED TECHNICAL DATA

|                      |                                         |
|----------------------|-----------------------------------------|
| Component Class      | GM150 thyristor module board            |
| Drive Family         | SINAMICS GM150 medium-voltage drives    |
| Primary Function     | Controls medium-voltage thyristor stage |
| Power Architecture   | GM150TYP firing electronics             |
| Voltage Class        | 3.3 kV drive class                      |
| Current Rating       | Power-stack defined current             |
| Control Supply       | 24 V DC at X21                          |
| Power Section        | Medium-voltage converter section        |
| Mechanical Design    | Protected trigger-board assembly        |
| Electrical Interface | X21 and firing interfaces               |

## ADDITIONAL PRODUCT DATA

|                     |                                      |
|---------------------|--------------------------------------|
| Cooling Integration | GM150 cabinet cooling                |
| Board Designation   | 6SL3985-6TM00-0AA0 module            |
| Service Role        | Medium-voltage repair spare          |
| Product Status      | Siemens service component            |
| Commissioning Check | Verify isolation and firing sequence |

## OFFICIAL APPLICATIONS

- Use the GM150 thyristor module board: Apply 6SL3985-6TM00-0AA0 for controls medium-voltage thyristor stage after matching the exact system, electrical class and installed section.
- Confirm the 3.3 kV drive class configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Verify isolation and firing sequence. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

## SYSTEM COMPATIBILITY

Match 6SL3985-6TM00-0AA0 to the installed SINAMICS GM150 medium-voltage drives, 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/6SL3985-6TM00-0AA0>

AMIKON PRODUCT SUPPORT

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