

SINAMICS S120 BOOKSIZE DRIVES

# Product Data Sheet

**6SL3120-2TE21-8AD0**

Double motor module assembly

|                                          |                                         |                   |                  |
|------------------------------------------|-----------------------------------------|-------------------|------------------|
| FUNCTION<br>Double motor module assembly | FAMILY<br>SINAMICS S120 Booksize drives | ORIGIN<br>Germany | WEIGHT<br>7.7 kg |
|------------------------------------------|-----------------------------------------|-------------------|------------------|

Siemens SINAMICS 6SL3120-2TE21-8AD0 is a Double motor module assembly for the SINAMICS S120 Booksize drives. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                     |
|----------------------|-------------------------------------|
| Component Class      | Double motor module assembly        |
| Drive Family         | SINAMICS S120 Booksize drives       |
| Primary Function     | Supplies two independent motor axes |
| Power Architecture   | Dual inverter output stage          |
| Voltage Class        | 510–720 V DC link                   |
| Current Rating       | 18 A / 18 A outputs                 |
| Control Supply       | 24 V DC –15% / +20%                 |
| Power Section        | Two motor channels                  |
| Mechanical Design    | Booksize D type module              |
| Electrical Interface | X1 and X2 motor plugs               |

## ADDITIONAL PRODUCT DATA

|                     |                                     |
|---------------------|-------------------------------------|
| Cooling Integration | 0.016 m³/s internal airflow         |
| Board Designation   | 6SL3120-2TE21-8AD0 DMM              |
| Service Role        | Dual-axis drive module              |
| Product Status      | PM300 active product                |
| Commissioning Check | Test both axes and safety functions |

## OFFICIAL APPLICATIONS

- Use the Double motor module assembly: Apply 6SL3120-2TE21-8AD0 for supplies two independent motor axes after matching the exact system, electrical class and installed section.
- Confirm the 510–720 V DC link configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Test both axes and safety functions. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

## SYSTEM COMPATIBILITY

Match 6SL3120-2TE21-8AD0 to the installed SINAMICS S120 Booksize 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/6SL3120-2TE21-8AD0>

AMIKON PRODUCT SUPPORT

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