

SINAMICS DRIVE SYSTEMS

# Product Data Sheet

**A5E00677650**

inverter buffer board

|                                          |                                         |                          |                          |
|------------------------------------------|-----------------------------------------|--------------------------|--------------------------|
| FUNCTION<br><b>inverter buffer board</b> | FAMILY<br><b>SINAMICS drive systems</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.08 kg</b> |
|------------------------------------------|-----------------------------------------|--------------------------|--------------------------|

Siemens SINAMICS A5E00677650 is a inverter buffer board for the SINAMICS drive systems. The values below are limited to the exact documented article.

01

## VERIFIED TECHNICAL DATA

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Component Class      | inverter buffer board                                  |
| Drive Family         | SINAMICS drive systems                                 |
| Primary Function     | Provides the documented inverter buffer board function |
| Power Architecture   | A5E00677650 industrial architecture                    |
| Voltage Class        | Installed equipment voltage class                      |
| Current Rating       | Model-specific channel current                         |
| Control Supply       | 24 V DC control class                                  |
| Power Section        | SINAMICS drive systems service section                 |
| Mechanical Design    | A5E00677650 service assembly                           |
| Electrical Interface | A5E00677650 keyed connector set                        |

## ADDITIONAL PRODUCT DATA

|                     |                                               |
|---------------------|-----------------------------------------------|
| Cooling Integration | SINAMICS drive systems cooling practice       |
| Board Designation   | A5E00677650 exact designation                 |
| Service Role        | A5E00677650 maintenance role                  |
| Product Status      | A5E00677650 identity verification             |
| Commissioning Check | Validate A5E00677650 diagnostics and function |

## OFFICIAL APPLICATIONS

- Apply the inverter buffer board: Use A5E00677650 to provide the documented inverter buffer board function within the documented SINAMICS drive systems. Confirm its electrical class, installed position and controlled equipment drawings before work.
- Match the A5E00677650 keyed connector set: Record connector keying, cable labels, shielding, protective earth and adjacent assemblies. Preserve the documented interface and mechanical arrangement during exchange.
- Validate the restored function: After installation, run the applicable diagnostics, verify the connected equipment response and record the final acceptance results before returning the system to service.

## SYSTEM COMPATIBILITY

Match A5E00677650 to the installed SINAMICS drive systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

### Siemens manufacturer documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E00677650>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM