

SINAMICS DRIVE SYSTEMS

# Product Data Sheet

**6SL3255-0AA00-4CA1**

sinamics g120 bop 2 operator

|                                                 |                                         |                          |                          |
|-------------------------------------------------|-----------------------------------------|--------------------------|--------------------------|
| FUNCTION<br><b>sinamics g120 bop 2 operator</b> | FAMILY<br><b>SINAMICS drive systems</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.14 kg</b> |
|-------------------------------------------------|-----------------------------------------|--------------------------|--------------------------|

Siemens SINAMICS 6SL3255-0AA00-4CA1 is a sinamics g120 bop 2 operator for the SINAMICS drive systems. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| Component Class      | sinamics g120 bop 2 operator                                  |
| Drive Family         | SINAMICS drive systems                                        |
| Primary Function     | Provides the documented sinamics g120 bop 2 operator function |
| Power Architecture   | 6SL3255-0AA00-4CA1 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    | 6SL3255-0AA00-4CA1 service assembly                           |
| Electrical Interface | 6SL3255-0AA00-4CA1 keyed connector set                        |

## ADDITIONAL PRODUCT DATA

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Cooling Integration | SINAMICS drive systems cooling practice              |
| Board Designation   | 6SL3255-0AA00-4CA1 exact designation                 |
| Service Role        | 6SL3255-0AA00-4CA1 maintenance role                  |
| Product Status      | 6SL3255-0AA00-4CA1 identity verification             |
| Commissioning Check | Validate 6SL3255-0AA00-4CA1 diagnostics and function |

## OFFICIAL APPLICATIONS

- Use 6SL3255-0AA00-4CA1 for its documented sinamics g120 bop 2 operator function: Apply 6SL3255-0AA00-4CA1 only in the documented SINAMICS drive systems equipment position. Match the article marking, power class, controlled section and approved system drawings before any installation work begins.
- Record the complete connection arrangement: Photograph connector keying, cable labels, shields, protective earth and adjacent assemblies for 6SL3255-0AA00-4CA1. Preserve the documented routing and mechanical position while exchanging the installed component.
- Commission the affected drive function safely: After fitting 6SL3255-0AA00-4CA1, restore the controlled settings, review diagnostics and test the connected motor, converter or interface at a safe operating point. Keep the measured results in the maintenance record.

## SYSTEM COMPATIBILITY

Match 6SL3255-0AA00-4CA1 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/6SL3255-0AA00-4CA1>

AMIKON PRODUCT SUPPORT

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