

SINAMICS DRIVE SYSTEMS

Product Data Sheet

6SL3246-0BA22-1FA0

sinamics g120 control unit

FUNCTION sinamics g120 control unit	FAMILY SINAMICS drive systems	ORIGIN Germany	WEIGHT 0.7 kg
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Siemens SINAMICS 6SL3246-0BA22-1FA0 is a sinamics g120 control unit 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 control unit [6SL3246-0BA22-1FA0 P01]
Drive Family	SINAMICS drive systems [6SL3246-0BA22-1FA0 P02]
Primary Function	Provides the documented sinamics g120 control unit function [6SL3246-0BA22-1FA0 P03]
Power Architecture	6SL3246-0BA22-1FA0 industrial architecture [6SL3246-0BA22-1FA0 P04]
Voltage Class	Installed equipment voltage class [6SL3246-0BA22-1FA0 P05]
Current Rating	Model-specific channel current [6SL3246-0BA22-1FA0 P06]
Control Supply	24 V DC control class [6SL3246-0BA22-1FA0 P07]
Power Section	SINAMICS drive systems service section [6SL3246-0BA22-1FA0 P08]
Mechanical Design	6SL3246-0BA22-1FA0 service assembly [6SL3246-0BA22-1FA0 P09]
Electrical Interface	6SL3246-0BA22-1FA0 keyed connector set [6SL3246-0BA22-1FA0 P10]

ADDITIONAL PRODUCT DATA

Cooling Integration	SINAMICS drive systems cooling practice [6SL3246-0BA22-1FA0 P11]
Board Designation	6SL3246-0BA22-1FA0 exact designation [6SL3246-0BA22-1FA0 P12]
Service Role	6SL3246-0BA22-1FA0 maintenance role [6SL3246-0BA22-1FA0 P13]
Product Status	6SL3246-0BA22-1FA0 identity verification [6SL3246-0BA22-1FA0 P14]
Commissioning Check	Validate 6SL3246-0BA22-1FA0 diagnostics and function [6SL3246-0BA22-1FA0 P15]

OFFICIAL APPLICATIONS

- Apply the sinamics g120 control unit: Use 6SL3246-0BA22-1FA0 to provides the documented sinamics g120 control unit function within the documented SINAMICS drive systems. Confirm its electrical class, installed position and controlled equipment drawings before work.
- Match the 6SL3246-0BA22-1FA0 keyed connector : 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 6SL3246-0BA22-1FA0 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/6SL3246-0BA22-1FA0>

AMIKON PRODUCT SUPPORT

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