

SINAMICS V90 SERVO SYSTEMS

Product Data Sheet

1FL6042-1AF61-2AA1

servo motor service

FUNCTION servo motor service	FAMILY SINAMICS V90 servo systems	ORIGIN Germany	WEIGHT 3.4 kg
---------------------------------	--------------------------------------	-------------------	------------------

Siemens SINAMICS 1FL6042-1AF61-2AA1 is a industrial AC servo motor for the SINAMICS V90 servo systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	servo motor service
Drive Family	SINAMICS drive systems
Primary Function	Drives a controlled positioning axis
Power Architecture	1FL6042-1AF61-2AA1 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	1FL6042-1AF61-2AA1 service assembly
Electrical Interface	1FL6042-1AF61-2AA1 keyed connector set

ADDITIONAL PRODUCT DATA

Cooling Integration	SINAMICS drive systems cooling practice
Board Designation	1FL6042-1AF61-2AA1 exact designation
Service Role	1FL6042-1AF61-2AA1 maintenance role
Product Status	1FL6042-1AF61-2AA1 identity verification
Commissioning Check	Validate 1FL6042-1AF61-2AA1 diagnostics and function

OFFICIAL APPLICATIONS

- Apply the industrial AC servo motor: Use 1FL6042-1AF61-2AA1 to drive a controlled positioning axis within the documented SINAMICS V90 servo systems. Confirm its electrical class, installed position and controlled equipment drawings before work.
- Match the 1FL6042-1AF61-2AA1 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 1FL6042-1AF61-2AA1 to the installed SINAMICS V90 servo 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/1FL6042-1AF61-2AA1>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM