AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6SL3210-1KE21-3AP1

SINAMICS G120C Frequency Converter

TYPE	REFERENCE	SCOPE	OPTIONS
SINAMICS G120C Frequency Converter	**6SL3210-1KE21-3AP1**	**Exact-model data**	**Check order**

Siemens 6SL3210-1KE21-3AP1 is a SINAMICS G120C frequency converter for three-phase motor-drive use. The unit has a high-overload power rating of 4.00 kW, operates from a 380 ... 480 V +10 % -20 % supply and accepts a line frequency of 47 ... 63 Hz.

01 DOCUMENTED PRODUCT REFERENCE

Line voltage	380 ... 480 V +10 % -20 %
Line frequency	47 ... 63 Hz
Input rated current (Io)	16.50 A
Input rated current (Ho)	12.80 A
Rated power (LO)	5.50 kW 7.50 hp
Rated power (HO)	4.00 kW 5.00 hp
Output rated current (Io)	12.50 A
Output rated current (Ho)	8.80 A

Siemens exact-model data sheet. Verify the complete supplied product identity.

02 TECHNICAL DATA

Rated current (IN)	13.00 A
Max. output current	17.60 A
Sound pressure level (1m)	63 dB
Resolution	10 bit
Installation altitude	1,000 m (3,280.84 ft)
Transport ambient temperature	-40 ... 70 °C (-40 ... 158 °F)
Storage ambient temperature	-25 ... 55 °C (-13 ... 131 °F)

03 APPLICATION AND CONFIGURATION

- Variable-frequency motor-drive use within the specified electrical ratings.
- Retain the complete 6SL3210-1KE21-3AP1 order code.
- Match the documented electrical, interface and environmental requirements.
- Consult the applicable wiring and installation instructions.
- Verify supplied-unit markings before installation.

04 OFFICIAL DOCUMENTATION

Siemens SINAMICS G120C Data Sheet

Source: Siemens official exact-model data sheet; 2 source page(s).

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

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