

SINAMICS G120C

Product Data Sheet

6SL3210-1KE22-6UB1

Compact three phase frequency converter

INPUT PHASE AND VOLTAGE	INPUT FREQUENCY	LOW-OVERLOAD RATING	HIGH-OVERLOAD RATING
3 AC, 380 to 480 V, +10% / -20%	47 to 63 Hz	11 kW, 25 A	7.5 kW, 16.5 A

Siemens 6SL3210-1KE22-6UB1 is a SINAMICS G120C compact frequency converter for three-phase motor control. Its documented overload ratings support configured industrial variable-speed operation.

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VERIFIED TECHNICAL DATA

Input phase and voltage	3 AC, 380 to 480 V, +10% / -20%
Input frequency	47 to 63 Hz
Low-overload rating	11 kW, 25 A
High-overload rating	7.5 kW, 16.5 A
Pulse frequency	4 kHz
Power loss	0.35 kW
Sound pressure	66 dB
Efficiency	97%
Power factor	0.70 to 0.85
Cooling airflow	0.018 m³/s

ADDITIONAL PRODUCT DATA

Operating temperature	-10 to +40 deg C
Storage temperature	-40 to +70 deg C
Digital input allocation	6 inputs, including 1 fail-safe input
Analog interfaces	1 differential input, 1 non-isolated output
Digital outputs	1 transistor output, 1 relay output

DOCUMENTED USE SETTINGS

Vehicle Manufacturing and Automotive Parts Production: Automotive Body Production.

Water Treatment and Industrial Wastewater Processing: Municipal Drinking Water Treatment.

Food Processing and Industrial Beverage Production: Food Processing and Packaging.

SYSTEM COMPATIBILITY

Siemens 6SL3210-1KE22-6UB1 is a SINAMICS G120C compact frequency converter for three-phase motor control. Its documented overload ratings support configured industrial variable-speed operation.

PRODUCT EVIDENCE

Siemens SINAMICS G120C technical documentation