

SINAMICS G120C PROFINET

Product Data Sheet

6SL3210-1KE22-6UF1

PROFINET Compact Frequency Converter

SUPPLY PHASES	LINE VOLTAGE INTERVAL	INPUT FREQUENCY	LOW-OVERLOAD POWER
3 AC	380 to 480 V, +10%/-20%	47 to 63 Hz	11 kW

Siemens 6SL3210-1KE22-6UF1 is a profinet compact frequency converter in the SINAMICS G120C PROFINET range. It regulates compatible motor speed using variable-frequency output and PROFINET communication.

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VERIFIED TECHNICAL DATA

Supply phases	3 AC
Line voltage interval	380 to 480 V, +10%/-20%
Input frequency	47 to 63 Hz
Low-overload power	11 kW
High-overload power	7.5 kW
LO output current	25 A
HO output current	16.5 A
Maximum output current	33 A
Pulse frequency	4 kHz
Network interface	PROFINET

ADDITIONAL PRODUCT DATA

Protection class	IP20 / UL open type
Cooling airflow	0.018 m³/s
Nominal heat dissipation	0.35 kW
Operating ambient	-10 to 40 deg C
Motor cable reach	50 m shielded, 100 m unshielded

DOCUMENTED USE SETTINGS

Municipal Water and Wastewater Treatment Processes: Drinking Water Treatment.

Food Manufacturing and Beverage Production Processes: Food Processing and Packaging.

Textile Production and Fabric Processing Industries: Yarn and Fiber Production.

SYSTEM COMPATIBILITY

Match 6SL3210-1KE22-6UF1 to the accepted SINAMICS G120C PROFINET configuration and associated parts before integration.

PRODUCT EVIDENCE

Siemens SINAMICS G120C PROFINET applicable manufacturer data

AMIKON PRODUCT SUPPORT

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