

SINAMICS G120C COMPACT CONVERTERS

Product Data Sheet

6SL3210-1KE18-8UF1

SINAMICS G120C compact converter

FUNCTION	FAMILY	ORIGIN	WEIGHT
SINAMICS G120C compact converter	SINAMICS G120C compact converters	Great Britain	2.10 kg

Siemens SINAMICS 6SL3210-1KE18-8UF1 is a SINAMICS G120C compact converter for the SINAMICS G120C compact converters. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Phases	3 AC
Line Voltage	380 to 480 V AC, +10% / -20%
Line Frequency	47 to 63 Hz
Rated Power Low Overload	4.00 kW / 5.00 hp
Rated Power High Overload	3.00 kW / 4.00 hp
Rated Output Current LO	8.80 A
Rated Output Current HO	7.30 A
Maximum Output Current	14.60 A
Pulse Frequency	4 kHz
Communication	PROFINET and EtherNet/IP

ADDITIONAL PRODUCT DATA

Standard Digital Inputs	6 channels
Fail-safe Digital Inputs	1 channel
Digital Outputs	1 relay and 1 transistor
Analog Input	1 differential input, 10-bit
Degree of Protection	IP20 / UL open type

OFFICIAL APPLICATIONS

- Pump and blower speed control: Plant Utility Systems
- Conveying and packaging machinery: Machine Control Systems
- Automated conveyor and transfer lines: Material Handling Systems

SYSTEM COMPATIBILITY

Match 6SL3210-1KE18-8UF1 to the installed SINAMICS G120C compact converters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens 6SL3210-1KE18-8UF1 SINAMICS G120C data sheet](#)

https://mall.industry.siemens.com/spice/docuservice/rest/document.spring?articleNumber=6SL32101KE188UF1&documentGroup=TED&documentId=DCS_DATASHEET_PMD_CLEANED&language=en&re

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