

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SINAMICS

6SL3210-5HE10-8UF0

COMPACT FREQUENCY CONVERTER

Used with the applicable SINAMICS G120C drives configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official product documentation

MLFB-Ordering data

6SL3210-5HE10-8UF0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		Communication	
Input		Communication	PROFINET
Number of phases	3 AC	Ambient conditions	
Line voltage	200 ... 480 V ± 10 %	Installation altitude	1000 m (3280.84 ft)
Line frequency	45 ... 66 Hz	Cooling	Air cooling using an integrated fan
Rated current	2.8 A	Ambient temperature during	
Inrush current	4.3 A	Operation	0 ... 50 °C (32 ... 122 °F)
Output			Better than class 3K3, in acc. with EN 60721-3-3: 2002, without derating
Number of phases	3 AC	Transport	-40 ... 70 °C (-40 ... 158 °F)
Rated power (at 400V)	0.75 kW		Class 2K4, in acc. with EN 60721-3-2: 1997, in transport packaging
Rated power (at 240V)	0.45 kW	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated current I_N	2.3 A		Class 1K4, in acc. with EN 60721-3-1: 1997, in product packaging
Max. output current	7.6 A	Relative humidity during	
Pulse frequency	8 kHz	Max. operation	95 %
Output frequency for servo control	0 ... 550 Hz		RH, condensation not permitted
Electronics power supply		Transport, max.	95 %
Voltage	24 V -15 % ... +20 %		at 40 °C (104 °F)
Current demand, max.	1.0 A	Bearing, max.	95 %

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Figure similar

Inputs / outputs	Connections																				
Standard digital inputs <table> <tr> <td>Number</td><td>5</td></tr> <tr> <td></td><td>of which 2 for F-DI</td></tr> </table>	Number	5		of which 2 for F-DI	Line side <table> <tr> <td>Version</td><td>push-in spring-type terminals</td></tr> <tr> <td>Conductor cross-section</td><td>0.75 ... 6.00 mm² / 18 ... 10 AWG</td></tr> </table>	Version	push-in spring-type terminals	Conductor cross-section	0.75 ... 6.00 mm ² / 18 ... 10 AWG												
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¹⁾ Cable length with possibility of connection an external filter