SIEMENS

Data sheet for SINAMICS S210

Article No. : 6SL3210-5HE10-8UF0



Figure similar

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Rated data

Input

Number of phases	3 AC
Line voltage	200 ... 480 V ±10 %
Line frequency	45 ... 66 Hz
Rated current	2.8 A
Inrush current	4.3 A

Output

Number of phases	3 AC
Pulse frequency	8 kHz
Output frequency for servo control	0 ... 550 Hz

Electronics power supply

Voltage	24 V -15 % ... +20 %
Current demand, max.	1.0 A

Communication

Communication	PROFINET

Ambient conditions

Cooling	Air cooling using an integrated fan
Ambient temperature during	
Operation	0 ... 50 °C (32 ... 122 °F)
	Better than class 3K3, in acc. with EN 60721-3-3: 2002, without derating
Transport	-40 ... 70 °C (-40 ... 158 °F)
	Class 2K4, in acc. with EN 60721-3-2: 1997, in transport packaging
Storage	-25 ... 55 °C (-13 ... 131 °F)
	Class 1K4, in acc. with EN 60721-3-1: 1997, in product packaging
Relative humidity during	
Max. operation	95 %
	RH, condensation not permitted
Transport, max.	95 %
	at 40 °C (104 °F)
Bearing, max.	95 %

Inputs / outputs

Standard digital inputs

Number	5
	of which 2 for F-DI

Fail-safe digital inputs

Number	1

Mechanical data

Mounting position	vertical wall mounting
Degree of protection	IP20 / UL open type
Frame size	FSA

Dimensions

Connections

Line side

Version	push-in spring-type terminals

Motor end

Version	push-in spring-type terminals

DC link (for braking resistor)

Version	push-in spring-type terminals

PE connection

Version	M4 screw studs

Max. motor cable length

Standards

Compliance with standards	CE, cULus, RCM, KC, EAC, UKCA
CE marking	Low-voltage directive 2006/95/EC

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens