

SIEMENS

Data sheet for SINAMICS V20



Figure similar

Ordering data **6SL3210-5BB12-5UV0**

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.72
Number of phases	1 AC	Offset factor $\cos \varphi$	0.95
Line voltage	200 ... 240 V -10 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Ambient conditions	
Output		Cooling	convection cooling
Number of phases	3 AC	Installation altitude	1000 m (3281 ft)
Rated voltage	230 V	Ambient temperature	
Rated power (HO)	0.25 kW / 0.33 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	0.25 kW / 0.33 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	1.70 A	Relative humidity	
Rated current (LO)	1.70 A	Max. operation	95 %
Pulse frequency		Communication	
2 kHz		Communication	USS, Modbus RTU
Output frequency		Standards	
0 ... 550 Hz		Compliance with standards	CE, cULus, C-Tick (RCM), KC
		CE marking	EN 61800-5-1 /EN 60204-1 and EN 61800-3

Overload capability
Low Overload (LO)
110 % rated output current for 60 s, cycle time 300 s
High Overload (HO)
150 % rated output current for 60 s, cycle time 300 s



Figure similar

Ordering data

6SL3210-5BB12-5UV0

Mechanical data		Connections	
Mounting position	Wall mounting / side-by-side mounting	Max. motor cable length	
Degree of protection	IP20	Shielded	25 m (82 ft)
Size	FSA	Unshielded	50 m (164 ft)
Net weight	1.00 kg (2.20 lb)		
Width	90.0 mm (3.54 in)		
Height	150.0 mm (5.91 in)		
Depth	145.5 mm (5.73 in)		

Inputs/ outputs	
Standard digital inputs	
Number	4
Digital outputs	
Number as relay changeover contact	1
Number as transistor	1
Analog inputs	
Number	2 (Can be used as additional digital input)
Analog outputs	
Number	1