

SIEMENS

Data sheet for SINAMICS V20



Figure similar

MLFB-Ordering data 6SL3210-5BB12-5UV1

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 -15 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Filter class (integrated)	Unfiltered
Output		Ambient conditions	
Number of phases	3 AC	Cooling	convection cooling
Rated voltage	230 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	0.25 kW / 0.33 hp	Ambient temperature	
Rated power (LO)	0.25 kW / 0.25 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated current (HO)	1.70 A	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (LO)	1.70 A	Relative humidity	
Pulse frequency		Max. operation	95 %
Output frequency		Communication	
8.00 kHz		Communication	USS, Modbus RTU
0 ... 550 Hz		Standards	
		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

MLFB-Ordering data

6SL3210-5BB12-5UV1



Figure similar

Mechanical data		Connections	
Mounting position		Max. motor cable length	
Wall mounting / side-by-side mounting			
Degree of protection		Shielded	25 m (82 ft)
IP20 / UL open type		Unshielded	50 m (164 ft)
Size			
FSAA			
Net weight			
0.70 kg (1.54 lb)			
Width			
68.0 mm (2.68 in)			
Height			
142.0 mm (5.59 in)			
Depth			
107.8 mm (4.24 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	