

# SIEMENS

## Data sheet for SINAMICS V20



Figure similar

MLFB-Ordering data                      6SL3210-5BB17-5UV1

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

Item no. :  
Consignment no. :  
Project :

Rated data		General tech. specifications	
Input		Power factor $\lambda$	0.72
Number of phases	1 AC	Offset factor $\cos \varphi$	0.95
Line voltage	200 ... 240 V -15 % +10 %	Efficiency $\eta$	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)	0.75 kW / 1.00 hp	Ambient temperature	
Rated power (LO)	0.75 kW / 0.75 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated current (HO)	4.20 A	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (LO)	4.20 A	Relative humidity	
Pulse frequency		Max. operation	95 %
Output frequency		Communication	
0 ... 550 Hz		Communication	USS, Modbus RTU
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

6SL3210-5BB17-5UV1



Figure similar

Mechanical data		Connections	
Mounting position	Wall mounting / side-by-side mounting	Max. motor cable length	
Degree of protection	IP20 / UL open type	Shielded	25 m (82 ft)
Size	FSAB	Unshielded	50 m (164 ft)
Net weight	0.90 kg ( 1.98 lb )		
Width	68.0 mm ( 2.68 in )		
Height	142.0 mm ( 5.59 in )		
Depth	127.8 mm ( 5.03 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