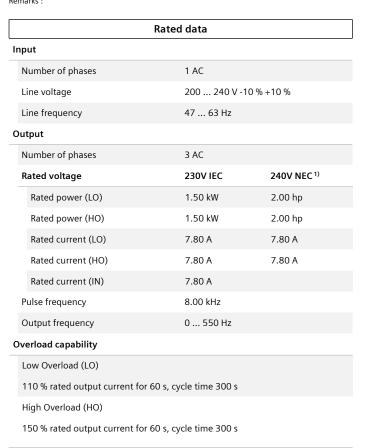
## SIEMENS

## **Data sheet for SINAMICS V20**

6SL3210-5BB21-5AV0 Article No.:

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

Number



General tech. specifications				
Power factor λ	0.72			
Offset factor $\cos\phi$	0.95			
Efficiency η	0.98			
Filter class (integrated)	Class A			
Communication				
Communication	USS, Modbus RTU			
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				



Consignment no. : Project : **Ambient conditions** External fan Cooling Installation altitude 1,000 m (3,280.84 ft) Ambient temperature

Operation -10 ... 60 °C (14 ... 140 °F) Storage -40 ... 70 °C (-40 ... 158 °F)

**Relative humidity** 

Unshielded

Item no.:

Max. operation 95 %

Connections			
Max. motor cable length			
	Shielded	25 m (82.02 ft)	

50 m (164.04 ft)

Mechanical data		
Mounting position	Through-hole mounting / wall mounting / side-by-side mounting	
Degree of protection	IP20 / UL open type	
Frame size	FSB	
Net weight	1.80 kg (3.97 lb)	
Dimensions		

Width	140.0 mm (5.51 in)
Height	160.0 mm (6.30 in)
Depth	164.5 mm (6.48 in)

Standards		
Compliance with standards	CE, cULus, C-Tick (RCM), KC	
CE marking	EN 61800-5-1 /EN 60204-1 and EN 61800-3	

 $<sup>^{1)}</sup>$ The output current and HP ratings are valid for the voltage range 220V-240V