

SIEMENS

Data sheet for SINAMICS V20



Figure similar

MLFB-Ordering data 6SL3210-5BE22-2UV0

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 3 AC	Offset factor $\cos \varphi$ 0.95
Line voltage 380 ... 480 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 External fan
Rated voltage 400 V	Installation altitude 1000 m (3281 ft)
Rated power (HO) 2.20 kW / 3.00 hp	Ambient temperature
Rated power (LO) 2.20 kW / 3.00 hp	Operation -10 ... 60 °C (14 ... 140 °F)
Rated current (HO) 5.60 A	Storage -40 ... 70 °C (-40 ... 158 °F)
Rated current (LO) 5.60 A	Relative humidity
Rated current (HO) at 480V 4.80 A	Max. operation 95 %
Rated current (LO) at 480V 4.80 A	Communication
Pulse frequency 4.00 kHz	Communication USS, Modbus RTU
Output frequency 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

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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	10 m (33 ft)
Size	FSA	Unshielded	50 m (164 ft)
Net weight	1.00 kg (2.20 lb)		
Width	90.0 mm (3.54 in)		
Height	166.0 mm (6.54 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