

SIEMENS

Data sheet for SINAMICS V20



Figure similar

MLFB-Ordering data 6SL3210-5BB15-5BV1

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	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)	0.55 kW / 0.75 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	0.55 kW / 0.55 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	3.20 A	Relative humidity	
Rated current (LO)	3.20 A	Max. operation	95 %
Pulse frequency		Communication	
8.00 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

Mechanical data

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSAB
Net weight	0.80 kg (1.76 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
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Digital outputs

Number as relay changeover contact	1
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Number as transistor	1
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Analog inputs

Number	2 (Can be used as additional digital input)
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Analog outputs

Number	1
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Connections

Max. motor cable length

Shielded	25 m (82 ft)
Unshielded	50 m (164 ft)