

SIEMENS

Data sheet for SINAMICS V20



Figure similar

MLFB-Ordering data 6SL3210-5BB15-5UV1

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	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

MLFB-Ordering data

6SL3210-5BB15-5UV1



Figure similar

Mechanical data

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSAB
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)

Connections

Max. motor cable length

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

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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