SIEMENS

Data sheet for SINAMICS V20

MLFB-Ordering data

6SL3210-5BB11-2UV1

Client order no. :   Item no. :
Order no. :   Consignment no. :
Offer no. :   Project :
Remarks :

Rated data	
Input	
Number of phases	1 AC
Line voltage	200 ... 240 V -15 % +10 %
Line frequency	47 ... 63 Hz
Output	
Number of phases	3 AC
Rated voltage	230 V
Rated power (HO)	0.12 kW / 0.16 hp
Rated power (LO)	0.12 kW / 0.12 hp
Rated current (HO)	0.90 A
Rated current (LO)	0.90 A
Pulse frequency	8.00 kHz
Output frequency	0 ... 550 Hz

General tech. specifications	
Power factor λ	0.72
Offset factor cos φ	0.95
Efficiency η	0.98
Filter class (integrated)	Unfiltered

Ambient conditions	
Cooling	convection cooling
Installation altitude	1000 m (3281 ft)
Ambient temperature	
Operation	-10 ... 60 °C (14 ... 140 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)
Relative humidity	
Max. operation	95 %

Communication	
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

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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Mechanical data

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSAA
Net weight	0.70 kg (1.54 lb)
Width	68.0 mm (2.68 in)
Height	142.0 mm (5.59 in)
Depth	107.8 mm (4.24 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

Connections

Max. motor cable length

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

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