



Figure similar

MLFB-Ordering data

6SL3310-1PE33-7AA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.93
Number of phases	3 AC	Offset factor $\cos \varphi$	0.96
Line voltage	380 ... 480 V ± 10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Sound pressure level (1m)	71 dB
Rated current (LO)	365.00 A	Power loss	3.84 kW
Rated current (HO)	300.00 A	Filter class (integrated)	-
Output		Ambient conditions	
Number of phases	3 AC	Cooling	Internal air cooling
Rated voltage	400 V	Cooling air requirement	0.210 m ³ /s (7.416 ft ³ /s)
Rated current (LO)	360.00 A	Installation altitude	1000 m (3280.84 ft)
Rated current (HO)	296.00 A	Ambient temperature	
Max. output current	486.00 A	Operation LO	0 ... 40 °C (32 ... 104 °F)
Rated power IEC 400V (LO)	200.00 kW	Operation HO	0 ... 50 °C (32 ... 122 °F)
Rated power NEC 480V (LO)	250.00 hp	Transport	-25 ... 55 °C (-13 ... 131 °F)
Rated power IEC 400V (HO)	160.00 kW	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated power NEC 480V (HO)	200.00 hp	Relative humidity	
Pulse frequency	2 kHz	Max. operation	95 % RH, condensation not permitted
Output frequency for vector control	0 ... 100 Hz		
Output frequency for V/f control	0 ... 100 Hz		

Overload capability

Low Overload (LO)

1.35 × base load current IL (i.e., 135 % overload) for 3 s or 1.1 × base load current IL (i.e., 110 % overload) for 60 s in a 300 s cycle time

High Overload (HO)

1.5 × base load current IH (i.e., 150 % overload) for 60 s in a 300 s cycle time

SIEMENS

Data sheet for SINAMICS Power Module PM330



Figure similar

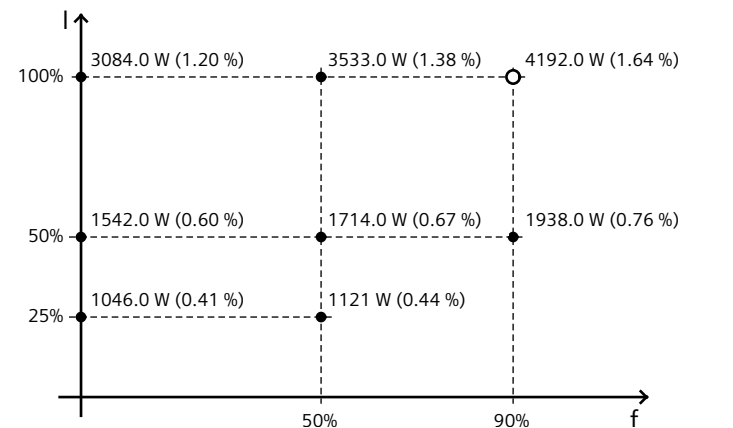
MLFB-Ordering data

6SL3310-1PE33-7AA0

Mechanical data	Connections
Degree of protection	IP20 / UL open type
Size	GX
Net weight	102.00 kg (224.87 lb)
Width	452 mm (17.80 in)
Height	1447 mm (56.97 in)
Depth	327 mm (12.87 in)
Line side	
Version	M12 screw
Conductor cross-section	120.00 ... 240.00 mm² (AWG -3)
Motor end	
Version	M12 screw
Conductor cross-section	95.00 ... 240.00 mm² (AWG -2)
DC link (for braking resistor)	

Converter losses to EN 50598-2*
Efficiency class
IE2

Comparison with the reference converter (90% / 100%)	-59.71 %
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The percentage values show the losses in relation to the rated apparent power of the converter.

The diagram shows the losses for the points (as per standard EN 50598) of the relative torque generating current (I) over the relative motor stator frequency(f). The values are valid for the basic version of the converter without options/components.

*converted values

Conductor cross-section	35.00 mm² (AWG 2)
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Max. motor cable length	
Shielded	100 m (328.08 ft)
Unshielded	200 m (656.17 ft)

Standards	
Compliance with standards	UL, cUL, CE, C-Tick (RCM), kc, GOST-R (EAC)

CE marking	Low-voltage directive 2006/95/EC
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