



Figure similar

MLFB-Ordering data

6SL3310-1PE33-0AA0

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)	307.00 A	Power loss	3.23 kW
Rated current (HO)	254.00 A	Ambient conditions	
Output		Cooling	Internal air cooling
Number of phases	3 AC	Cooling air requirement	0.210 m ³ /s (7.416 ft ³ /s)
Rated voltage	400 V	Installation altitude	1000 m (3280.84 ft)
Rated current (LO)	290.00 A	Ambient temperature	
Rated current (HO)	240.00 A	Operation LO	0 ... 40 °C (32 ... 104 °F)
Max. output current	392.00 A	Operation HO	0 ... 50 °C (32 ... 122 °F)
Rated power IEC 400V (LO)	160.00 kW	Transport	-25 ... 55 °C (-13 ... 131 °F)
Rated power NEC 480V (LO)	200.00 hp	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated power IEC 400V (HO)	132.00 kW	Relative humidity	
Rated power NEC 480V (HO)	150.00 hp	Max. operation	95 % RH, condensation not permitted
Pulse frequency	2 kHz		
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



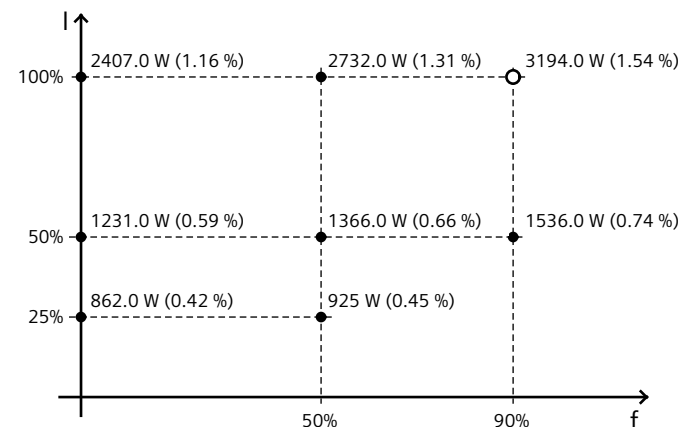
Figure similar

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Mechanical data	Connections
Degree of protection	Line side
Size	Version
Net weight	Conductor cross-section
Width	Motor end
Height	Version
Depth	Conductor cross-section
Converter losses to EN 50598-2*	DC link (for braking resistor)

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-62.35 %



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