



Figure similar

MLFB-Ordering data

6SL3210-1PH31-2UL0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.90
Number of phases	3 AC	Offset factor $\cos \varphi$	0.99
Line voltage	500 ... 690 V ± 10 %	Efficiency η	0.99
Line frequency	47 ... 63 Hz	Sound pressure level (1m)	68 dB
Rated current (LO)	111.00 A	Power loss	1.82 kW
Rated current (HO)	106.00 A	Filter class (integrated)	-
Output		Ambient conditions	
Number of phases	3 AC	Cooling	Internal air cooling
Rated voltage	690 V	Cooling air requirement	0.153 m³/s (5.403 ft³/s)
Rated current (LO)	115.00 A	Installation altitude	1000 m (3280.84 ft)
Rated current (HO)	100.00 A	Ambient temperature	
Max. output current	200.00 A	Operation LO	-20 ... 40 °C (-4 ... 104 °F)
Rated power IEC 690V (LO)	110.00 kW	Operation HO	-20 ... 50 °C (-4 ... 122 °F)
Rated power NEC 600V (LO)	100.00 hp	Transport	-40 ... 70 °C (-40 ... 158 °F)
Rated power IEC 690V (HO)	90.00 kW	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated power NEC 600V (HO)	100.00 hp	Relative humidity	
Pulse frequency	2 kHz	Max. operation	95 % RH, condensation not permitted
Output frequency for vector control	0 ... 200 Hz		
Output frequency for V/f control	0 ... 550 Hz		

Overload capability

Low Overload (LO)

1.1 x rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 x rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s

High Overload (HO)

1.5 x output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 x output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s

SIEMENS

Data sheet for SINAMICS Power Module PM240-2



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Mechanical data	Connections																								
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Standards																									
Compliance with standards	UL, cUL, CE, C-Tick (RCM), SEMI F47																								
CE marking	Low-voltage directive 2006/95/EC																								