SIEMENS

Error:
No CAD-Data available for this configuration.

Data sheet for SINAMICS Power Module PM260

Article No. : 6SL3225-0BH31-5AA1

Figure similar

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Rated data

Input		
Number of phases	3 AC	
Line voltage	500 ... 690 V ±10 %	
Line frequency	47 ... 63 Hz	
Rated current (LO)	22.00 A	
Rated current (HO)	18.00 A	
Output		
Number of phases	3 AC	
Rated voltage	**400V IEC**	**480V NEC [1)]**
Rated power (LO)	18.50 kW	25.00 hp
Rated power (HO)	15.00 kW	20.00 hp
Rated current (LO)	23.00 A	
Rated current (HO)	19.00 A	
Max. output current	38.00 A	
Pulse frequency	16 kHz	
Output frequency for vector control	0 ... 200 Hz	
Output frequency for V/f control	0 ... 200 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 1.4 × rated output current (i.e. 140 % overload) for 3 s with a cycle time of 300 s

High Overload (HO)

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

General tech. specifications

Power factor λ	0.95
Offset factor cos φ	0.95
Efficiency η	0.95
Sound pressure level (1m)	64 dB
Power loss	0.82 kW
Filter class (integrated)	Class A

Ambient conditions

Cooling	Internal air cooling
Cooling air requirement	0.044 m³/s (1.554 ft³/s)
Installation altitude	1,000 m (3,280.84 ft)
Ambient temperature	
Operation LO	0 ... 40 °C (32 ... 104 °F)
Operation HO	0 ... 50 °C (32 ... 122 °F)
Transport	-25 ... 55 °C (-13 ... 131 °F)
Storage	-25 ... 55 °C (-13 ... 131 °F)
Relative humidity	
Max. operation	95 % RH, condensation not permitted

Connections

Line side	
Version	terminal strip
Conductor cross-section	2.50 ... 16.00 mm² (AWG 14 ... AWG 6)
Motor end	
Version	terminal strip
Conductor cross-section	2.50 ... 16.00 mm² (AWG 14 ... AWG 6)
Max. motor cable length	
Shielded	200 m (656.17 ft)
Unshielded	300 m (984.25 ft)

Mechanical data

Degree of protection	IP20 / UL open type
Frame size	FSD
Net weight	23.00 kg (50.71 lb)
Dimensions	
Width	275 mm (10.83 in)
Height	512 mm (20.16 in)
Depth	204 mm (8.03 in)

Standards

Compliance with standards	CE
CE marking	Low-voltage directive 2006/95/EC

[1)] The output current and HP ratings are valid for the voltage range 440V-480V