SIEMENS

Data sheet for SINAMICS S110 Power Module PM340



Figure similar

Article No. : 6SL3210-1SE31-0UA0

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

Item no. :
Consignment no. :
Project :

Rated data	
Input	
Number of phases	3 AC
Line voltage	380 ... 480 V ± 10 %
Line frequency	47 ... 63 Hz
Output	
Rated power	45.00 kW
Rated current (IN)	90.00 A
Rated current (HO)	80.00 A
Current for S6 duty (40%)	117.00 A
Max. output current	150.00 A
Rated power IEC 400V (HO)	37.00 kW
Rated power NEC 480V (HO)	60.00 hp
Pulse frequency	4 kHz
Output frequency for servo control	0 ... 330 Hz

General tech. specifications	
Power factor λ	0.95 ... 0.65
Offset factor cos φ	0.96
Sound pressure level (1m)	62 dB
Power loss	1.21 kW

Ambient conditions	
Cooling	Increased air cooling due to built-in fan
Cooling air requirement	0.039 m³/s
Installation altitude	1,000 m
Ambient temperature	
Operation LO	0 ... 40 °C (32 ... 104 °F)
Transport	-40 ... 70 °C (-40 ... 158 °F)
Storage	-25 ... 70 °C (-40 ... 158 °F)
Relative humidity	
Max. operation	95 % at 40 °C (104 °F)

Mechanical data	
Degree of protection	IP20 / UL open type
Frame size	FSE
Net weight	19.80 kg
Width	275.0 mm
Height	498.3 mm
Depth	203.5 mm

Connections	
Line side	
Version	M6 bolt
Conductor cross-section	10.00 ... 35.00 mm²
Motor end	
Version	M6 bolt
Conductor cross-section	10.00 ... 35.00 mm²
DC link (for braking resistor)	
Conductor cross-section	10.00 ... 50.00 mm²
PE connection	M6 screw
Max. motor cable length	
Shielded	70 m
Unshielded	100 m

Standards	
Compliance with standards	cULus
CE marking	Low-voltage and EMC guideline