SIEMENS

Data sheet for SINAMICS S110 Power Module PM340



Figure similar

Article No. : 6SL3210-1SE31-8UA0

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	90.00 kW
Rated current (IN)	178.00 A
Rated current (HO)	155.00 A
Current for S6 duty (40%)	231.00 A
Max. output current	290.00 A
Rated power IEC 400V (HO)	75.00 kW
Rated power NEC 480V (HO)	100.00 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)	65 dB
Power loss	2.31 kW

Ambient conditions

Cooling	Increased air cooling due to built-in fan
Cooling air requirement	0.117 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	FSF
Net weight	50.70 kg
Width	350.0 mm
Height	634.0 mm
Depth	315.5 mm

Connections

Line side	
Version	M8 bolt
Conductor cross-section	120.00 mm²
Motor end	
Version	M8 bolt
Conductor cross-section	120.00 mm²
DC link (for braking resistor)	
Conductor cross-section	120.00 mm²
PE connection	M8 Screw
Max. motor cable length	
Shielded	70 m
Unshielded	100 m

Standards

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

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens