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Data sheet for SINAMICS S110 Power Module PM340



Figure similar

MLFB-Ordering data 6SL3210-1SE16-0AA0

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	2.20 kW
Rated current (IN)	5.90 A
Rated current (HO)	5.20 A
Current for S6 duty (40%)	6.40 A
Max. output current	11.80 A
Rated power IEC 400V (HO)	2.20 kW
Rated power NEC 480V (HO)	3.00 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)	50 dB
Power loss	0.14 kW

Ambient conditions

Cooling	Increased air cooling due to built-in fan
Cooling air requirement	0.009 m³/s
Installation altitude	1000 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)

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Mechanical data

Degree of protection	IP20
Size	FSB
Net weight	4.00 kg
Width	153.0 mm
Height	270.0 mm
Depth	165.0 mm

Connections

Line side

Version	screw-type terminal
Conductor cross-section	1.00 ... 6.00 mm²

Motor end

Version	Screw-type terminals
Conductor cross-section	1.00 ... 6.00 mm²

DC link (for braking resistor)

Conductor cross-section	1.00 ... 6.00 mm²
PE connection	M5 screw

Max. motor cable length

Shielded	25 m
Unshielded	75 m

Standards

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