SINAMICS G120 PM240-2

Product Data Sheet

6SL3210-1PE21-1UL0

Unfiltered drive power module

LINE VOLTAGE	LOW-OVERLOAD POWER	HIGH-OVERLOAD POWER	LOW-OVERLOAD OUTPUT CURRENT
3 AC 380 to 480 V	**4 kW**	**3 kW**	**10.2 A**

Siemens 6SL3210-1PE21-1UL0 is an unfiltered PM240-2 power module for a SINAMICS G120 drive. It operates from a three-phase 380–480 V supply and provides 4 kW in low-overload duty or 3 kW in high-overload duty.

01 TECHNICAL DATA

Line voltage	3 AC 380 to 480 V
Low-overload power	4 kW
High-overload power	3 kW
Low-overload output current	10.2 A
High-overload output current	7.7 A
Maximum output current	15.4 A
Rated pulse frequency	4 kHz
Maximum pulse frequency	16 kHz
Frame designation	FSB
Degree of protection	IP20

02 ADDITIONAL PRODUCT DATA

Line filter	Not integrated
Cooling air flow	9.2 l/s
Power loss	0.11 kW
Acoustic level	61.5 dB(A)

03 PRODUCT FUNCTION

The FSB power section is rated at 10.2 A in low-overload operation and 7.7 A in high-overload operation. Its IP20 enclosure uses internal air cooling and a braking-chopper arrangement; the control unit, operator interface and external filtering are selected separately for the complete drive.

04 SYSTEM COMPATIBILITY

Connect a three-phase 380–480 V supply and size the motor circuit for the appropriate rated current. This UL0 variant has no integrated line filter; use the PM240-2 instructions when selecting external filtering and related line components.

05 REFERENCE

Siemens 6SL3210-1PE21-1UL0 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT

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