SINAMICS G120 PM240-2

Product Data Sheet

6SL3210-1PE14-3UL1

Unfiltered drive power module

LINE SUPPLY	LINE FREQUENCY	LOW-OVERLOAD POWER	HIGH-OVERLOAD POWER
3 AC 380 to 480 V ±10%	**47 to 63 Hz**	**1.5 kW**	**1.1 kW**

Siemens 6SL3210-1PE14-3UL1 is an unfiltered PM240-2 power module for a SINAMICS G120 drive. Its three-phase 380–480 V input supports 1.5 kW low-overload operation or 1.1 kW high-overload operation in the compact FSA frame.

01 TECHNICAL DATA

Line supply	3 AC 380 to 480 V ±10%
Line frequency	47 to 63 Hz
Low-overload power	1.5 kW
High-overload power	1.1 kW
Low-overload input current	5.5 A
High-overload input current	4.7 A
Low-overload output current	4.1 A
High-overload output current	3.1 A
Maximum output current	6.2 A
Rated pulse frequency	4 kHz

02 ADDITIONAL PRODUCT DATA

Vector output frequency	0 to 200 Hz
V/f output frequency	0 to 550 Hz
Efficiency	96%
Power loss	70 W
Degree of protection	IP20

03 PRODUCT FUNCTION

The corresponding output currents are 4.1 A and 3.1 A, with a maximum output current of 6.2 A. The internally cooled IP20 power section works with a separately selected control unit, and its vector or V/f frequency range depends on the configured drive-control method.

04 SYSTEM COMPATIBILITY

Connect the three-phase line supply within 380–480 V ±10% and 47–63 Hz. This UL1 variant is unfiltered; the line-protection, EMC and any external braking components must be selected for the complete drive arrangement.

05 REFERENCE

Siemens 6SL3210-1PE14-3UL1 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM