6SL3210-1PB13-0AL0-6SL3244-0BB00-1PA1-6SL3255-0AA00-4CA1

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3210-1pb13-0al0-6sl3244-0bb00-1pa1-6sl3255-0aa00-4ca1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	200–240 V AC
Output Power (Low Overload)	0.55 kW
Output Power (High Overload)	0.37 kW
Output Current (Low Overload)	3.20 A
Output Current (High Overload)	2.30 A
Maximum Output Current	4.80 A
Ambient Temperature (Low Overload)	-10 to +40 °C
Ambient Temperature (High Overload)	-10 to +50 °C
Dimensions	196 x 73 x 165 mm
Weight	1.60 kg

Description

The Siemens SINAMICS G120 Power Module PM240-2 (Part Number: 6SL3210-1PB13-0AL0) is a versatile and efficient variable frequency drive designed for precise speed and torque control of three-phase motors.

Operating within a voltage range of 200 to 240 V AC and a frequency range of 47 to 63 Hz, it delivers a rated output power of 0.55 kW (0.75 hp) for low overload (LO) conditions and 0.37 kW (0.50 hp) for high overload (HO) conditions.

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The module features a rated output current of 3.20 A (LO) and 2.30 A (HO), with a maximum output current of 4.80 A. Its integrated line filter class A ensures compliance with electromagnetic compatibility standards.

Designed for ambient temperatures between -10°C and +40°C (LO) and up to +50°C (HO), it operates efficiently in various industrial environments. The module's compact dimensions (196 x 73 x 165 mm) and lightweight design (1.60 kg) facilitate easy integration into control cabinets. For comprehensive technical details, refer to the official Siemens documentation.