

6SL3224-0BE27-5AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3224-0be27-5aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.00 kgs
Voltage	380 - 480 V
Product Type	Module
Signal Level	480 V
Current	31.5 A
Power	7.5 kW
Component Specifications	pm240
Cooling Capacity	7.5 kW
Industrial System	sinamics
Signal Type	480
Relay Specifications	480 VAC

Description

The Siemens 6SL3224-0BE27-5AA0 is a power module from the SINAMICS G120 series, designed to provide reliable and efficient power solutions for industrial automation applications. This module operates within an input voltage range of 380 to 480 V AC $\pm 10\%$ and supports a frequency range of 47 to 63 Hz, making it suitable for various industrial environments. It delivers a rated output power of 11 kW (low overload) and 7.5 kW (high overload), with corresponding output currents of 25 A and 19 A, respectively. The module features an integrated Class A filter and a built-in braking chopper, enhancing its performance and safety. Its compact dimensions of 334 x 189 x 185 mm and a weight of 7 kg facilitate easy integration into existing systems. The device operates efficiently across a wide ambient temperature range, from -10°C to $+50^{\circ}\text{C}$ for high overload conditions and -10°C to $+40^{\circ}\text{C}$ for low overload conditions. The SINAMICS G120 power module is ideal for applications requiring robust and adaptable power solutions, ensuring optimal performance and longevity in demanding industrial settings.