

6SL3224-0BE22-2AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3224-0be22-2aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.00 kgs
Current	7.6 A
Component Specifications	pm420
Product Type	Module
Industrial System	sinamics
Voltage	380 - 480 V
Power	2.2 kW
Cooling Capacity	2.2 kW
Signal Type	480
Signal Level	480 V
Relay Specifications	480 VAC

Description

The Siemens 6SL3224-0BE22-2AA0 is a power module from the SINAMICS G120 series, designed for industrial automation applications requiring reliable and efficient power conversion. This module operates with a 380 to 480 V AC three-phase input voltage and supports a frequency range of 47 to 63 Hz, making it suitable for various industrial environments. It delivers a rated output power of 2.2 kW, with a maximum output current of 5.9 A, ensuring consistent performance under standard operating conditions. The module features an integrated Class A filter and a built-in braking chopper, enhancing its functionality and safety in dynamic applications. It is capable of handling high overload conditions, providing 2.2 kW at 200% overload for 3 seconds, 150% for 57 seconds, and 100% for 240 seconds, which is crucial for processes with varying load demands. Designed to operate within an ambient temperature range of -10°C to +50°C, the module is housed in a compact enclosure measuring 270 x 153 x 165 mm and has an IP20 degree of protection, offering basic protection against dust and contact. Please note that this module is supplied without a control unit and BOP (Basic Operator Panel), which are required for full operation. The 6SL3224-0BE22-2AA0 is suitable for applications in sectors such as automotive, aerospace, power generation, and electronics, where precise and reliable power control is essential.