

6SN1123-1AB00-0BA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1123-1ab00-0ba1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.26 kgs
Current	25 A
Product Type	Module
Product Family	SIMODRIVE 611
Dimensions	29 cm x 48 cm x 5 cm
Weight	6 kg
Current Rating	25 A
Rated Motor Current (Feedrate)	9 A
Rated Motor Current (Main Spindle)	8 A
Cooling Type	Internal cooling
Compatibility	SINUMERIK 840D, 810D, 611D

Description

The Siemens 6SN1123-1AB00-0BA1 is a high-performance power module from the SIMODRIVE 611 series, engineered for precise motor control in industrial automation applications. Designed to manage two axes simultaneously, it delivers a continuous current of 25 A, with rated motor currents of 9 A for the feedrate and 8 A for the main spindle. This module features internal cooling, ensuring efficient heat dissipation during operation. Its compact dimensions of 29 cm in height, 48 cm in length, and 5 cm in width make it suitable for integration into space-constrained environments. The 6SN1123-1AB00-0BA1 is compatible with Siemens' SINUMERIK controllers, including the 840D, 810D, and 611D, facilitating seamless integration into advanced CNC systems. Applications include high-precision CNC lathes, multi-axis milling machines, and complex automation systems requiring reliable and dynamic motor control.