

6SN1124-1AB00-0CA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1124-1ab00-0ca1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.12 kgs
Product Type	Drive
Current	50 A
Series	SIMODRIVE 611
Rated Current	50 A
Motor Rated Current (1FT5)	25 A
Motor Rated Current (1FT6)	18 A
Cooling Type	External
Dimensions	280 mm x 460 mm x 100 mm
Weight	10 kg

Description

The Siemens 6SN1124-1AB00-0CA1 is a robust power module designed for the SIMODRIVE 611 system, offering efficient control for industrial automation applications. This two-axis power module is engineered to handle a rated current of 50 A, with specific motor-rated currents of 25 A for 1FT5 motors and 18 A for 1FT6 motors, ensuring compatibility with a range of Siemens motors. The module features external cooling, facilitating optimal thermal management during operation. Its compact dimensions—280 mm in height, 460 mm in length, and 100 mm in width—allow for flexible integration into various industrial setups. Weighing approximately 10 kg, it is suitable for applications where space and weight considerations are critical. The 6SN1124-1AB00-0CA1 is part of Siemens' SIMODRIVE 611 series, known for its reliability and performance in demanding industrial environments. This module is ideal for controlling two axes simultaneously, making it suitable for complex machinery requiring precise motion control. Its design emphasizes durability and efficiency, ensuring sustained performance under varying operational conditions. For detailed specifications and integration guidelines, refer to the official Siemens documentation.