

6SN1111-0AA01-1BA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1111-0aa01-1ba1
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	1.85 kgs
Current	16 A
Power	5 kW
Frequency	45 - 65
Cooling Capacity	5 kW
Signal Level	275 V
Relay Specifications	275 VAC
Voltage	275 V
Signal Type	275

Description

The Siemens 6SN1111-0AA01-1BA1 is a mains filter designed for unregulated power supply systems, specifically within the SIMODRIVE 611 series. This component ensures efficient power management by filtering electrical noise, thereby enhancing the performance and longevity of connected equipment. With a capacity of 5 kW and a supply voltage of up to 480 V, it is well-suited for industrial applications requiring reliable and consistent power quality. The filter operates with a rated current of 16 A and exhibits a power loss of 20 W, indicating its energy efficiency. Its compact dimensions—8.1 cm in length, 15.6 cm in width, and 19.3 cm in height—along with a weight of 3.8 kg, facilitate easy integration into existing systems. This product is particularly beneficial for users seeking to maintain optimal performance in their unregulated power supply configurations.